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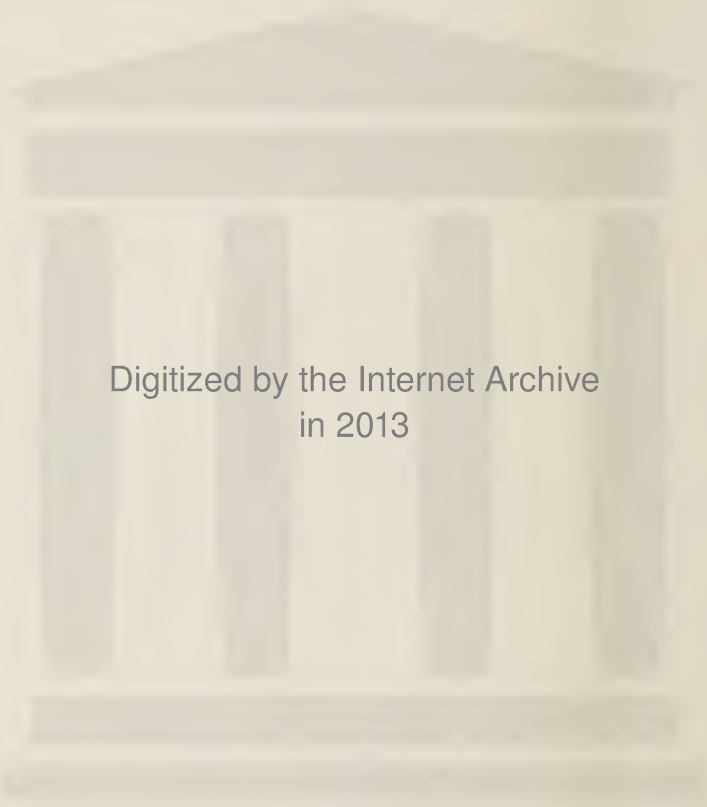
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Bulletin

The University of Georgia

Vol. XLIV, No. 5 April, 1944

GENERAL CATALOG

1944-45

Athens, Georgia

Serial Number 651

Bulletin

The University of Georgia

GENERAL CATALOG

1944-45

Athens, Georgia

1944 CALENDAR 1944

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1945 CALENDAR 1945

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CALENDAR, 1944-45

FALL QUARTER, 1944

SEPTEMBER 18:	Freshmen report, 3:00 p. m.
SEPTEMBER 18-23:	Freshman Week
SEPTEMBER 21-22:	Registration for upperclassmen
SEPTEMBER 23:	Registration for freshmen
SEPTEMBER 25:	Classes begin for all students
OCTOBER 25:	Honors Day program
NOVEMBER 3:	Freshman reports due
NOVEMBER 30:	Thanksgiving Holiday
DECEMBER 6:	Last day to check Winter Quarter programs
DECEMBER 12:	Classes end
DECEMBER 13-16:	Examinations
DECEMBER 17:	Christmas vacation begins

WINTER QUARTER, 1945

JANUARY 2:	Registration
JANUARY 3:	Classes begin
JANUARY 5:	Last day for submission of subjects and outlines of theses by graduate students
MARCH 1:	Constitution Examinations, 3:40 p. m., Room 318 Academic Building. (Lecture series begins two weeks previous to March 1.)
MARCH 9:	Last day to check Spring Quarter programs
MARCH 15:	Classes end
MARCH 16-20:	Examinations
MARCH 21:	Spring recess begins

SPRING QUARTER, 1945

MARCH 26:	Registration
MARCH 27:	Classes begin
MAY 16:	Last day on which theses may be approved
JUNE 3:	Baccalaureate Sermon
JUNE 4:	Classes end
JUNE 5-8:	Examinations
JUNE 10:	Graduation and Alumni Day Exercises

SUMMER QUARTER, 1945

JUNE 12:	Registration for First Term of Summer Quarter

Entered at the Post Office at Athens, Ga., as Second Class Matter, August 31, 1894, under Act of Congress of July 16, 1904. Issued 15 times during the year by the University—Once in July, once in August, twice in February, once in March, three times in April, and seven times in May.

Serial No. 853

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THE BOARD OF REGENTS
UNIVERSITY SYSTEM OF GEORGIA

DISTRICT	REGENT	ADDRESS
State at Large	MARION SMITH January 1, 1943—January 1, 1946	Atlanta
State at Large	CASON J. CALLAWAY January 1, 1943—January 1, 1950	Hamilton
State at Large	FRANK M. SPRATLIN January 1, 1943—January 1, 1946	Atlanta
State at Large	EARL B. BRASWELL January 1, 1943—January 1, 1949	Athens
State at Large	POPE F. BROCK January 1, 1943—January 1, 1948	Atlanta
First	J. L. RENFROE January 1, 1943—January 1, 1948	Statesboro
Second	EDWARD R. JERGER January 1, 1943—January 1, 1947	Thomasville
Third	GEORGE C. WOODRUFF January 1, 1944—January 1, 1951	Columbus
Fourth	C. J. SMITH January 1, 1943—January 1, 1949	Newnan
Fifth	RUTHERFORD L. ELLIS January 1, 1943—January 1, 1947	Atlanta
Sixth	MILLER R. BELL January 1, 1943—January 1, 1950	Milledgeville
Seventh	ROY N. EMMET, SR. January 1, 1943—January 1, 1945	Cedartown
Eighth	S. PRICE GILBERT January 1, 1943—January 1, 1950	Sea Island
Ninth	SANDY BEAVER January 1, 1943—January 1, 1945	Gainesville
Tenth	WILLIAM S. MORRIS January 1, 1944—January 1, 1951	Augusta

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Vice-Chairman ..... SANDY BEAVER
Chancellor ..... S. V. SANFORD
Secretary ..... L. R. SIEBERT
Treasurer ..... W. WILSON NOYES

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EDUCATIONAL

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SCHOOL OF PHARMACY—ROBERT C. WILSON, *Dean*
COLLEGE OF AGRICULTURE—PAUL W. CHAPMAN, *Dean*
SCHOOL OF FORESTRY—DONALD J. WEDDELL, *Dean*

COLLEGE OF EDUCATION—E. D. PUSEY, *Acting Dean*

COLLEGE OF BUSINESS ADMINISTRATION—R. P. BROOKS, *Dean*

SCHOOL OF JOURNALISM—JOHN E. DREWRY, *Dean*

SCHOOL OF HOME ECONOMICS—MARY E. CRESWELL, *Dean*

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1943 - 1944

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WESLEY BAILEY, A.B., M.S., *Instructor in Chemistry.*

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* On leave.

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* On leave.
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RUFUS LAFAYETTE KEENER, B.S.A., M.S.A., *Professor of Horticulture.*

LUCILE KIMBLE, A.B., *Assistant Professor of Music*

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FRANK P. KING, B.S.A., M.S.A., *Associate Professor of Agricultural Economics.*

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*ALAN KUZMICKI, B.F.A., *Instructor in Art.*

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ROBERT MANNING STROZIER, PH.B., M.A., *Associate Professor of Romance Languages, Associate Dean of Students and Director of War Service Program.*

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WOOTEN TAYLOR SUMERFORD, B.S.PHAR., M.S.CHEM., PH.D., *Professor of Pharmacy.*

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Frances R. Archer, *Binding Librarian.*

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Jean Garrett, a.b., *Political Science.*

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Joan C. Hunter, a.b., *History.*

Mary Taylor, b.f.a., *Art.*

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* On leave.

GENERAL INFORMATION

THE UNIVERSITY

HISTORY

The University of Georgia was incorporated by an Act of the General Assembly on January 27, 1785. In the preceding year the General Assembly had set aside 40,000 acres of land to endow a college or seminary of learning. Georgia was the first state to provide for the establishment of a state-supported university.

The first meeting of the Board of Trustees was held in Augusta on February 13, 1786. At this meeting the Trustees selected Abraham Baldwin for the presidency of the University. Baldwin, a native of Connecticut and a graduate of Yale University, had come to Georgia in 1784. It was he who drafted the charter adopted by the General Assembly.

The University was not actually established until 1801. In that year a committee of the Board of Trustees selected a site for the new institution. John Milledge, later a governor of the state, purchased the site chosen—a tract of 633 acres on the banks of the Oconee River in Northeast Georgia—and gave it to the Board of Trustees. In the fall of 1801 Josiah Meigs was named to the presidency of the University and work was begun on the first building. This building, originally called Franklin College in honor of Benjamin Franklin, is still standing and is now known as Old College. The University opened its doors to students in 1801 and graduated its first class in 1804.

During the early part of the nineteenth century the curriculum of the University of Georgia—or of Franklin College as it was then frequently called—embraced only courses in traditional classical studies. In 1843 the scope of the work of the institution was broadened by the inclusion into the curriculum of courses in law. The activities of the University were broadened still further in 1872 when the institution was designated as the recipient of the funds made available by the Federal Government to the states for the offering of instruction in agriculture and the mechanic arts.

After the turn of the century, the activities of the University expanded rapidly to meet the demands for various types of professional and technical training. The teaching and research work of the University is now carried on by ten colleges and schools that are integral parts of the University. These colleges and schools and the dates of their establishment as separate administrative units within the University are as follows: College of Arts and Sciences (1801); School of Law (1859); School of Pharmacy (1903); College of Agriculture (1906); School of Forestry (1906); College of Education (1908); Graduate School (1910); College of Business Administration (1912); School of Journalism (1915); School of Home Economics (1933).

In 1931 the General Assembly of Georgia placed all publicly supported schools and colleges, including the University of Georgia, under the jurisdiction of a single board. The organization set up by the Act of 1931 is known as the University System of Georgia and the governing board of the System is called the Board of Regents. The executive officer of the Board of Regents, known as the Chancellor, exercises a general supervisory control over all institutions of the University System. The University of

Georgia and each of the other institutions of the University System have their own executive officers and faculties.

GROUNDS AND BUILDINGS

The site on which the first buildings of the University were constructed was in the primeval forest of North Georgia and was far distant from any town of consequence. There grew up about the University a community that came later to be known as Athens. Although Athens is now one of the larger and more important cities of the state, it retains much of the beauty and charm of the Old South.

The North Campus of the University lies in the very heart of Athens. On this campus are located buildings that house the College of Arts and Sciences, the School of Law, the School of Pharmacy, the College of Education, the College of Business Administration, and the School of Journalism. Here also are a dining hall and five dormitories for men students. Thirty-two principal buildings are located on this rolling and beautifully landscaped campus. Among these buildings are included historic Old College (1801), New College (1832), Demosthenian Hall (1824), the University Chapel (1832), and Phi Kappa Hall (1834).

Surrounding the Landscape Architecture Building is the Ladies' Garden Club Founders Memorial Garden consisting of a series of formal and naturalistic developments.

On the South Campus, which is separated from the North Campus by a wooded ravine, are situated the buildings that house the College of Agriculture, the School of Forestry, and the School of Home Economics. One portion of this campus is set aside for buildings that are used by Junior and Senior women students. There are twenty-two major buildings on the South Campus.

Dormitories and classroom buildings for Freshmen and Sophomore women are located on a campus that lies on the west side of Athens about a mile from the North Campus of the University. This campus, which was the home of the old Georgia State Teachers' College, has ten principal buildings.

The University also utilizes as a dormitory for Junior and Senior women the historic ante-bellum structure once used by the Lucy Cobb Institute.

The campuses of the University and the adjacent lands used by the College of Agriculture and the School of Forestry embrace approximately 3500 acres.

LIBRARIES

The Library of the University consists of the collection of books in the main library and of collections in various college and departmental libraries. The Law School, the School of Pharmacy, the College of Agriculture, the School of Forestry, the College of Education, and the College of Business Administration maintain separate libraries. These separate libraries are, however, under the jurisdiction of the Director of Libraries and are catalogued as parts of the University Library. There is also a library on the West Campus for Freshman and Sophomore girls. Several of the departments offering advanced graduate work have special collections of books for use by their faculties and graduate students.

Since 1937 the University Library has been greatly strengthened. Special allocations of funds from the Board of Regents and grants from educational foundations have made it possible for the University to have a larger and more efficient library staff and also to increase its expenditures for books. Within recent years the Library has acquired several valuable collections of books, including the famous DeRenne Library of Southern historical materials. Among the valuable documents of the DeRenne collection is the Constitution of the Confederate States.

The University Library is a depository for the documents of the United States Government. It was also recently designated as a depository of the card catalogue of the Library of Congress.

The libraries of the University now contain approximately 160,000 books and several thousand pamphlets.

LABORATORIES

The Departments of Bacteriology, Botany, Chemistry, Physics, Plant Pathology, Psychology, and Zoology have laboratories that are well equipped for instruction and original research. There are several private laboratories for the use of professors and advanced graduate students. The School of Pharmacy, the College of Agriculture, the School of Forestry, and the School of Home Economics have extensive laboratory facilities for the use of their students and faculties in their work in the fields of applied science. The College of Business Administration has recently acquired many business machines of the latest type for use in courses in accounting and business procedures. The School of Journalism maintains a press room and radio studio as a means of offering practical training to its students.

THE COLLEGE YEAR

The college year is divided into four quarters of approximately eleven weeks each. The Fall Quarter begins the latter part of September and ends at the Christmas holidays. The Winter Quarter begins during the first week in January and extends to the middle of March. The Spring Quarter begins in March and ends in the early part of June. The Summer Quarter begins in June and closes shortly after the middle of August. The exact dates on which quarters begin and end will be found in the University Calendar.

New courses are opened at the beginning of each quarter. It is possible, therefore, for students to enter the University at the first of any quarter.

Degrees are conferred at the close of the Spring Quarter in June and at the close of the Summer Quarter in August. Students completing their work in December or March will, on their request, be given a certificate to the effect that all degree requirements have been satisfied; such students receive their diplomas in June following the completion of their work.

ADMISSION TO COLLEGES AND SCHOOLS OF THE UNIVERSITY

Men and women who are at least sixteen years of age and of good moral character are eligible to apply for admission to the undergraduate schools and colleges of the University. Admission may be obtained in any one of four ways:

1. By presenting a certificate of graduation from an accredited high school.

2. By passing entrance examinations, provided the applicant has not been in an accredited high school the previous year.

3. By qualifying as an adult special student.

4. By submitting evidence of studies successfully pursued at another college or university.

Students who plan to enter the University on the basis of high school or college transcripts should ask that official credentials be sent directly from the institution previously attended to the Director of Admissions at the University soon after the close of the school year in June. The Director of Admissions will communicate with the applicant regarding his admission. If the credentials are not received until the week before the opening of the University, it may not be possible for the Director of Admissions to notify the applicant of his status prior to his arrival on the campus.

Although students may enter at the beginning of any one of the four quarters of the academic year, they will find it to their advantage to enter at the beginning of the Summer Quarter in June.

ADMISSION BY CERTIFICATE

To be admitted by certificate, an applicant must be a graduate of an accredited secondary school. The certificate should be made on an official blank that is supplied by the University and it should be signed by the superintendent or principal. If the applicant is a graduate of a four-year high school, he must show that he has completed at least fifteen units of acceptable secondary school work. If the applicant is a graduate of a three year senior high school, he must present not less than fifteen units and must show that at least twelve of those units of work were taken in the senior high school and not more than three were completed in the junior high school.[1]

A unit course of study in a secondary school is a course covering an academic year and including not less than the equivalent of 120 class periods of sixty minutes each. Two hours of work requiring little or no preparation outside the class are considered as equivalent to one hour of prepared classroom work.

The fifteen units of secondary school work that an applicant presents for admission to the University must include the following:

1. English[2] ..... 3 units
2. Social Studies (history, civics, economics, sociology) ..... 2 units
3. Mathematics (one unit must be algebra)[3] ..... 2 units
4. Science (biological or physical) ..... 1 unit
5. Four units from English, social studies, mathematics, science, or foreign language[4] ..... 4 units

[1]The transcript of credits certified by the senior high school must show any credit accepted from the junior high school.

[2]English—Any student whose high school preparation in English Composition is inadequate may be required to take a non-credit course.

[3]Mathematics—It is recommended that the units in mathematics include one in plane geometry. For those students who expect to become candidates for the degree of Bachelor of Science, Bachelor of Science in Chemistry, or Bachelor of Science in Agricultural Engineering, one unit of plane geometry is essential.

[4]Foreign Language—Although foreign language is not definitely required for admission, it is advisable for a student to present at least two units of a foreign language if he expects to become a candidate for a degree in the College of Arts and Sciences, the School of Law, the School of Pharmacy, the College of Business Administration, the School of Journalism, or if he intends to register for the pre-medical course. If a student plans to become a candidate for the Bachelor of Arts degree, he should present at least two units of Latin.

One unit in a foreign Language taken in high school cannot be credited towards the combined high school and college requirements for any degree unless it is followed in college by at least one course in the same language.

6. Three units that may be selected from any subjects which are accepted by an accredited high school toward its diploma and which meet standards of accrediting agencies[1]..... 3 units

Certificates will not be accepted for less than one year's attendance in the school issuing the certificate. Fractional credits of a value of less than one-half unit will not be accepted. Not less than one unit of work will be accepted in a foreign language.

For purposes of admission of students by certificate, the University recognizes the following classes of schools as being fully accredited:

1. Schools accredited by the High School Commission of Georgia.

2. Schools accredited by the Southern Association of Colleges and Secondary Schools.

3. Schools accredited by other recognized accrediting agencies or by other state or regional associations of colleges and secondary schools.

The University reserves the right to reject any applicant whose low record indicates that he is not adequately prepared to do college work even though he may meet the entrance requirements set forth above.

ADMISSION BY EXAMINATION

Applicants for admission who do not present acceptable certificates from secondary schools may be admitted to the University upon passing entrance examinations in the number and kinds of units as specified in the preceding section. It is the general policy of the University, however, not to admit to entrance examinations applicants who have been in an accredited high school the previous year.

Examinations are held at the University in June and September of each year. It is preferable for prospective entrants to submit to examination in June rather than in September since the consequences of failure at the latter date are likely to cause more serious inconvenience.

These admission examinations are also open to graduates of accredited high schools who may be deficient in certain subjects and who, therefore, are unable to take full advantage of the certificate plan of admission.

A student who plans to take the entrance examinations should send to the Director of Admissions a statement of his academic training and experience. The Director will notify the applicant of the exact date of the examinations and of the scope and character of the examination that he must take.

ADMISSION AS A SPECIAL STUDENT

Persons over twenty-one years of age may be admitted as special students in the undergraduate colleges of the University, provided they secure the recommendation of the instructor whose work they wish to take and the approval of the dean of the college concerned. They must give evidence that they possess the requisite information and ability to pursue profitably their chosen subjects and they must meet any special requirements that may be prescribed by the college in which they wish to enroll.

[1]The University recognizes the obligation of high schools to serve the needs of all their students. It believes, therefore, that high schools should offer courses in such fields as art, commerce, home economics, industrial arts, and music. The University accepts these courses as a partial satisfaction of its admission requirements because it regards them as studies that tend to prepare students for college work.

A person registered as a special student in one college and desiring to take a course in another college of the University must obtain the approval of the dean of the latter college.

A special student is not eligible to take part in student activities or to be initiated into a fraternity or sorority.

No one may enroll as a special student in any school or college of the University for more than two years. Before beginning his third year, a student admitted on an adult basis must have fully satisfied all entrance requirements. When all entrance requirements have been thus met, a student may continue work in the University, will receive regular classification, and may be accepted as a candidate for a degree.

IRREGULAR STUDENTS

The policy of the University is not to allow students who can meet the entrance requirements (especially those under 21 years of age) to take irregular programs of work. In particular the University does not offer two-year terminal programs in vocational or professional work; all curricula are organized on a four-year basis. However, the first two years of all curricula are designed, as far as practicable, to give the student who drops out after two years' work an educational program of value. Due to the war emergency, however, exceptions will be made to this general policy.

ADMISSION WITH ADVANCED STANDING

Students from accredited colleges and universities who have pursued college courses equivalent to those of the University of Georgia, and who have been granted honorable dismissal from their former institutions, may be admitted to the University. Former students of such institutions can not be received as Freshmen on the basis of their high school records.

Applicants for admission who have had any work in another institution, regardless of whether or not they wish credit for it, must submit complete credentials of both their high school and college work to the Director of Admissions.

The amount of credit that the University will allow for work done in another institution within a certain period of time will not exceed the normal amount of credit that could have been earned at the University during a corresponding period of time.

At least three-fourths of the courses for which advanced credit is asked must carry grades of C or better on an A-B-C-D-Fail grading basis.

Since the University requires that at least the work of the Senior year be taken in residence, students may not receive credit for more than three years of work in another institution.

A student who has been dropped from another institution because of poor scholarship or for disciplinary reasons may enter a college of the University only with the approval of the dean of the college concerned and under conditions imposed by him. Ordinarily, such student will not be admitted to the University until he is eligible to return to the institution from which he was dismissed.

Credit for work done outside the University is given only when the work has been done at **institutions** approved by the Director of Admissions and

the Committee on Admissions. Such institutions are divided by the Committee into two groups: (1) institutions approved for credit on transcript of record; (2) institutions approved for credit based on the validation of the transcript record by formal examinations.

Correspondence with reference to advanced standing should be addressed to the Director of Admissions or to the dean of the college or school in which the prospective student wishes to register.

EXEMPTIONS FROM DEGREE REQUIREMENTS FOR TRANSFER STUDENTS

The first two years of a majority of the University curricula include to a large degree survey courses in the Social Sciences, the Humanities, Mathematics, and the Natural Sciences instead of the subject matter courses in these fields offered in a great many colleges.

Students who transfer with less than Junior standing and without credit for these survey courses will be required to take them here if they are requirements for the degree for which they are working, but if they have credit for courses of equal value in the same field as the survey courses, they can be exempted from taking the survey courses here.

In the cases of students who transfer with Junior standing from standard colleges without these survey courses, provisions are made for a substitution of specific subject matter courses in the general fields of the surveys for the survey requirements.

Students who transfer to the University with Junior standing are exempt from the requirement of Military Science 1-2 and Health Education 1-2 (for women.)

In general, the Junior-Senior courses are arranged so that a student who has completed the freshman and sophomore years at a standard institution with proper quality points can complete the degree requirements for all except the very technical degrees in two years (six quarters).

In some degrees certain modifications are made in required courses for transfer students. For these modifications see degree requirements.

ADMISSION TO THE GRADUATE AND PROFESSIONAL SCHOOLS

The foregoing regulations regarding admission of students are applicable to all schools and colleges of the University with the exception of the Graduate School and the Law School. The admission requirements of these schools are set forth in their respective bulletins.

PHYSICAL EXAMINATION

All students, with some exceptions for those entering only for summer sessions, must take a physical examination at the time of their registration in the University. This regulation is applicable both to Freshmen and to upperclassmen.

The University Infirmary is prepared to make these physical examinations on certain days during each registration period. No charge is made to a student for a physical examination made within the time set aside for that purpose. If a student fails to take the examination at the appointed time, a fee of $5.00 may be charged to cover the cost of a special examina-

tion, or he may be required to be examined at his own expense outside the University in a manner meeting the requirements of the University Health Service.

All applicants who have not been successfully vaccinated against smallpox must be vaccinated before they register.

REGISTRATION

Three days at the beginning of the Fall Quarter and one day at the beginning of each of the other quarters are devoted to registration. A student who applies for admission after the close of a registration period is required to pay a late registration fee of $2.00. A student may be admitted to the University at any time during the first week of a quarter, but he will not be admitted after the expiration of this period except under extraordinary circumstances. Late registration is a handicap both to students and teachers and is, therefore, strongly discouraged.

An applicant for admission whose credentials have been passed upon favorably by the Director of Admissions should present himself at the Registrar's Office. The applicant will receive from the Registrar a statement showing the procedure for registration. A student will not be permitted to attend classes in a course for which he is not registered.

FRESHMAN REGISTRATION

All Freshmen are required to be present on the afternoon of the Monday preceding the Monday on which classes begin and to remain throughout the week. The period will be devoted to registration, conferences with advisers, physical examinations, aptitude tests, educational examinations, lectures, and discussions on subjects of interest to new students. The object of this program is to introduce Freshmen to the University as an educational institution.

Since Freshmen must attend all exercises held during the week set aside for them, it is desirable that all details incident to admission be attended to as early as possible. Students who graduate from high school and who plan to come to the University should notify their principals of their intentions and ask that the necessary certificates be prepared and sent to the Director of Admissions at the University.

If a student desires to live in a University dormitory, he or she should write to the Dean of Students and ask for a reservation.

FIELDS OF INSTRUCTIONAL WORK

DEGREES OFFERED BY COLLEGES AND SCHOOLS OF THE UNIVERSITY

The University offers courses of instruction leading to the following degrees:

1. In the Graduate School, such advanced and special degrees as the candidates may be entitled to receive upon satisfactory compliance with the requirements prescribed for the various courses of study.

2. In the College of Arts and Sciences, the degrees of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, Bachelor of Science in Chemistry.

3. In the School of Law, the degree of Bachelor of Laws.

4. In the School of Pharmacy, the degree of Bachelor of Science in Pharmacy.

5. In the College of Agriculture, the degrees of Bachelor of Science in Agriculture, Bachelor of Science in Agricultural Engineering.

6. In the School of Forestry, the degree of Bachelor of Science in Forestry.

7. In the School of Education, the degree of Bachelor of Science in Education.

8. In the College of Business Administration, the degree of Bachelor of Science in Business Administration.

9. In the School of Journalism, the degree of Bachelor of Arts in Journalism.

10. In the School of Home Economics, the degree of Bachelor of Science in Home Economics.

A graduate of any course may receive the baccalaureate degree of any other course by completing the additional studies required in that course and by taking at least forty-five quarter hours of work not counted for the first degree. Two baccalaureate degrees can not be taken in the same year.

DEPARTMENT OF MILITARY SCIENCE AND TACTICS

Colonel Frederick M. Armstrong, Infantry, Commandant and Professor of Military Science and Tactics.

GENERAL STATEMENT

There are a Cavalry and an Infantry Unit of the Reserve Officers Training Corps at the University. These are organized under the Acts of Congress of June 3, 1916, and June 4, 1920. The Professor of Military Science and Tactics, as head of the Reserve Officers Training Corps Units, is responsible to the War Department, through the Commanding General of the Fourth Service Command. The units also constitute a regular department of instruction within the University, known as the Department of Military Science and Tactics.

The staff of the Military Department consists of the Professor of Mili-

tary Science and Tactics, other assigned officers of the Army, and a number of enlisted men.

During the war emergency the regular courses in Military Science and Tactics will be given to freshmen and sophomores who are enrolled in the Summer Quarter.

All men students in the freshman and sophomore classes who are citizens of the United States and who are not physically disqualified to perform military work must take the basic courses in military science. The basic courses are Military Science 1 and 2. A student, with the advice and approval of the officers of the Military Department, may elect to enroll in either the Infantry or the Cavalry Unit. New enrollments in the advanced courses of the junior and senior years have been discontinued by the War Department for the duration of the present emergency. Completion of the basic courses is a prerequisite for graduation unless the student is discharged from the Reserve Officers Training Corps upon the recommendation of the Professor of Military Science and Tactics.

FEES AND UNIFORMS FOR BASIC COURSES

Freshman and sophomore students at the time of their initial registration for the basic military science courses are required to pay a fee of $5.00 to cover the cost of textbooks used in these courses. The fee is not charged to sophomores who paid the fee during their freshman year.

Uniforms will be issued by the U. S. Government for the use of students, but these uniforms remain the property of the United States. A deposit of $25.00 will be required from each student to insure against loss of or damage to uniforms issued. This deposit will be returned to the student when he leaves the University or completes the basic course, provided he has turned in his uniform in good order.

COURSE ANNOUNCEMENTS

1a-b-c. Military Science and Tactics. First year basic course in Cavalry and Infantry. Three hours of classroom work and two hours of practical drill throughout the year. The course deals with obligations of citizenship; military history and policy of the United States; the current international situation; military courtesy and discipline; drill; map reading; basic training in weapons and minor tactics; hygiene; sanitation; first aid. Cavalry students must, in addition to the topics listed, study equitation and care of animals.

2a-b-c. Military Science and Tactics. Second year basic course in Cavalry and Infantry. Three hours of classroom work and two hours of practical drill per week throughout the year. The course is a further consideration of the topics listed under Military Science 1a-b-c.

350a-b-c. Military Science and Tactics. 9 hours credit. First year advanced course in Cavalry and Infantry. Four hours of classroom work and one hour of practical drill per week throughout the year. Prerequisites: Military Science 1a-b-c; and Military Science 2a-b-c; and recommendation of P.M.S. and T. (Not offered 1944-45)

351a-b-c. Military Science and Tactics. 9 hours credit. Second year advanced course in Cavalry and Infantry. Four hours of classroom work and one hour of practical drill per week throughout the year. Prerequisite: Military Science 350a-b-c. (Not offered 1944-45)

DEPARTMENT OF AVIATION

HAYWOOD DIXON BUTLER, *Coordinator and Manager*
DON R. DOBBINS, *Assistant Coordinator and Supervisor of Ground School*

The University of Georgia School of Aviation, both its ground school and flight, is under contract for the training of military personnel; however, it seems possible and likely that all civilian training of military personnel will cease as of June 1, 1944. Unless a new assignment of military personnel is made, the University of Georgia School of Aviation will be available after that for the training of civilian personnel.

Since final decisions for all courses after June 1944 will depend on new regulations from the government, any one interested in taking courses should write either Dean William Tate, Secretary of the School of Aviation, University of Georgia, Athens, Georgia, or Mr. H. D. Butler, Airport, Athens, Georgia. If the Navy program is discontinued, it is very likely that civilian flying will be reinstated on a full and academic scale.

Any student, however, desiring a good background for aviation can register in the University proper and take courses for both aeronautical background and college credit.

The following courses are particularly recommended: College Algebra (Math 4); Trigonometry (Math 30); any of the courses in physics, but note that Physics 391 has been modified to be a course in Astronomy and Celestial Navigation especially for those entering the Navy or aviation; Political Science 1, an introductory course in the science of American Government, which is recommended to any one entering the Army; the following courses in geography, which are good background for map reading and meteorology—Principles of Geography (Geography 301); Climate and Land Forms (Geography 302); Climatology (Geography 401).

Further details about the School of Aviation and these courses or about Army or Navy aviation enlistment can be secured upon request.

ACADEMIC REGULATIONS

UNITS OF CREDIT

The unit of credit is the quarter hour. A quarter hour represents one hour of class work per week for one quarter or its equivalent in other forms of instruction. Two or sometimes three hours of laboratory work are considered as the equivalent of one hour of class work. The majority of the courses offered in the University meet five times per week for one quarter; such courses carry a credit of five quarter hours.

GRADING SYSTEM

Quarter grades are reported by alphabetical letter only, although they are commonly based on averages of numerical grades given on recitations and final examinations. The scale of letter grades is as follows:

A+	Exceptional
A	Excellent
B+	Very Good
B	Good
C+	Average

C	Fair
D+	Poor
D	Very Poor
E	Failure.
F	Failure. No credit unless course is repeated.
I	Incomplete. This indicates that a student who was doing satisfactory work was, for some reason beyond his control, unable to complete the course.
W	This indicates that the student was permitted to withdraw from the course and that no grade was assigned.
WF	This indicates that the student was permitted to withdraw from the course while doing unsatisfactory work. The dropping of a course under these circumstances is equivalent to a failure.

CHANGES IN GRADES

A grade in a course reported by the instructor to the Registrar and recorded cannot be changed except as indicated below:

E may be changed to D if so reported by the instructor within twelve months.

I may be changed to any grade if so reported by the instructor within twelve months.

Any grade will be changed upon a written statement by the instructor that the grade reported was incorrect due to a factual error.

A senior in line for a degree who makes a grade of F or D in his senior year in a course necessary for his degree will have the privilege of one re-examination for changing the grade in the course, provided there is no opportunity of repeating the course. Grades in not more than two courses can be thus changed.

CLASSIFICATION OF STUDENTS

In each undergraduate school or college of the University, a student will be classified as a Freshman, Sophomore, Junior, or Senior, according to the number of quarter hours of work that he has completed with an average grade of C. A student who has completed less than 37 hours of the number of hours required for graduation will be classified as a Freshman. A student will be entitled to register as a Sophomore when he has completed with an average grade of C at least 37 hours; as a Junior when he has completed with a like average at least 84 hours; and as a Senior when he has completed with a like average at least 131 hours.

The classification under which a student registers at the beginning of the academic year will continue throughout that year.

COURSES OPEN TO STUDENTS OF VARIOUS CLASSES

Courses numbered from 1 to 199 are designed for Freshman and Sophomore students; those numbered from 200 to 399 are offered primarily for Junior and Senior students; courses numbered 400 to 599 are open to Junior, Senior, and graduate students; courses numbered 600 to 899 are offered for graduate students only.

With the approval of the dean of his college or school, a student may include in his sophomore program as much as one-third of his work in courses falling within the junior-senior group; with the same approval a student may include in his junior-senior program as much as one-third of his work in courses falling within the freshman-sophomore group.

COURSES OF INSTRUCTION

The statement as to number of hours after each course title in the announcements of the various schools and colleges refers to the number of quarter hours credit for the course. Where not otherwise specified, this indicates also the number of hours the class meets each week and all of these meetings are either recitation or lecture.

The University reserves the right to eliminate any undergraduate course for which the registration is less than five students.

All of the Senior College and Graduate courses are not offered in any one year. See the current schedule for courses offered this year.

NORMAL LOAD OF WORK FOR STUDENTS

The normal load of work for freshman and sophomore students is 16 hours per quarter, exclusive of Military Science 1-2, or Health Education 1-2. The normal load of work for junior and senior students is 15 hours per quarter except where otherwise stated in the published degree requirements.

VARIATION FROM THE NORMAL LOAD OF WORK

The dean of a school or college may, at his discretion, authorize variations from the normal work load as indicated below:

1. A minimum load of 10 hours.
2. An increase of load from 1 to 3 hours: (1) Where advanced military science is taken or where difficulty of making a practical schedule or a satisfactory program demands it; (2) students who had an average of B on the work of the three preceding quarters may have this privilege the succeeding three quarters; (3) students who had an average of B on the preceding quarter may have this privilege the succeeding quarter.
3. A maximum of 21 hours may be permitted: (1) Students on the current Dean's List; (2) Students not on the Dean's List but who had an average of "A" on the work of the preceding quarter; (3) First year transfer students who received an average grade of "A" on their last year's work in the institution from which they transferred.
4. An increase of 10 hours (distributed over their last three quarters) for Seniors who, at the beginning of any quarter, can, with this privilege, graduate in three quarters.

Under no circumstances is any student permitted to receive credit for more than 21 hours per quarter exclusive of Military Science 1-2 or Health Education 1-2.

REQUIREMENTS FOR DEGREE

RESIDENCE: The minimum residence requirement for a baccalaureate degree is three quarters, during which time a candidate must earn credits

in courses numbered 200 or above of at least 45 hours with an average grade of "C" or better. It is required that at least two-thirds of the last three quarters' work before graduation be taken in residence and be in courses number 200 or above. It is also required that at least half the courses constituting a student's major study be taken in residence.

In the case where a student satisfies the requirement for the B.S. degree by substituting the first year's work at the University Medical School at Augusta for the senior year's work, the requirement that at least two-thirds of the last three quarters' work before graduation must be in residence is changed to a requirement that at least two-thirds of the last three quarters' work taken before a student enters the Medical School must be in residence.

Credits and Grades. Each candidate for a degree must secure credit in approved courses totaling at least the number of quarter hours required for a degree by the school or college in which he is registered, exclusive of courses in Military Science 1 and 2 and Health Education 1 and 2. In securing this credit, each candidate must have an average grade of not less than C in all grades received, excluding those in basic military science and health education, and must not have grades below C in more than one fourth of the total number of quarter hours earned.

The College of Arts and Sciences and several other colleges and schools require for graduation 186 quarter hours, exclusive of Military Science 1 and 2 or Health Education 1 and 2. Some of the schools require a larger number of hours. Under the sections devoted to the several colleges and schools will be found statements of their exact requirements.

Correspondence and Extension Work. No more than one-fourth of the work counted toward a degree may consist of courses taken by correspondence or extension.

Military Science and Health Education. All men students in the Freshman and Sophomore classes, who are citizens of the United States and who are not physically disqualified to perform military work, must take the basic courses in military science and tactics. The basic courses are Military Science 1 and 2.

Women students in the Freshman and Sophomore classes and men students in these classes who are not physically able to take military work must take the courses known as Health Education 1 and 2.

No student may receive a degree from the University until he has met the requirements relative to basic military science and health education courses.

These regulations are not applicable to students who enter the University with Junior standing.

Examination on the Constitutions: Examination on the Constitution of the United States and the State of Georgia, required of all persons receiving a degree from the University unless exempted by credit in courses dealing with these Constitutions, are given annually on the first Thursday after Washington's birthday and the first Thursday after the Fourth of July at 3 :40 in Room 318 of the Academic Building. A series of lectures to aid students in preparing for these examinations is offered during the two weeks preceding the examinations. Special examinations for students having failed on or been absent from the regular examinations are offered

on the first Thursday in May and the first Thursday in November, and in exceptional cases upon other dates.

Special Requirements. Candidates for degrees from the University must show that they have met all general University requirements with respect to such matter as registration and payment of fees and the special requirements of the colleges or schools in which they have been registered as students.

All candidates for degrees should check with the Registrar and dean of their school or college their program for graduation three quarters prior to the date of graduation. Students who fail to perform this duty will forfeit any equity in the adjustment of errors or omissions made in their programs.

A candidate for a degree, unless excused in writing by the Secretary of the Faculty, must attend the graduation exercises at which he expects a degree to be conferred upon him.

MISCELLANEOUS REGULATIONS

High School Subjects Not to Be Duplicated. No University credit will be granted for work in mathematics, foreign language, or other courses taken at the University when such work is a repetition of studies already completed in high school.

Forfeiture of Credit. By registering for a course for which he has already received credit either by work at the University or by transfer of credits from another institution, a student forfeits the previous credit in that course. The student's final grade in the course will be the one made on the repetition.

No Extension Work by Resident Students. Extension or correspondence work for University credit may not be taken by a student while registered as a resident student, except in extraordinary cases and when authorized by the dean of the college or school as a part of the student's normal load of work.

Changes in Courses: Changes in a student's program of courses may be made only with the approval of the dean of the college or school in which the student is registered. Requests for changes for courses scheduled for the Winter or Spring Quarters must be made at least two weeks prior to the closing of the preceding quarter. A service fee of $2.00 will be assessed for all changes made after these dates. Also a service charge of $2.00 will be charged for changes in courses scheduled for the Fall Quarter when made after the close of the Fall Quarter registration period. No service charge will be imposed for changes made necessary by University regulation. A request for change of courses scheduled for a quarter will not be considered if presented later than one week after the beginning of that quarter.

Dropping of Courses. A student may not drop a course without the permission of the dean of his college or school.

Student Scholarship. A student whose academic work is of an unsatisfactory quality may be placed on probation or excluded from the University.

The regulations of the University Faculty with respect to academic work of students will be found in the handbook of student regulations. Students

should acquaint themselves with any special regulations on this subject that may have been adopted by the faculty of the college or school in which they are registered.

Admission to Examination in a Course Taken in the University. No student who has not registered for the course will be admitted to the final examination for credit in a course, and only under extraordinary circumstances will he be admitted to the examination unless he has attended at least 75% of the total class and laboratory exercises held in the course.

Class Attendance. All students are expected to attend regularly the meetings of classes in courses for which they are registered. A student who incurs an excessive number of absences may be placed on probation or dropped from the University. Complete information regarding absence rules may be found in the handbook of student regulations.

Absences From Classes Before and After Holidays. A student who is absent from any class or regular University exercise on the day before or the day after a holiday period and who has no valid excuse for such absence shall pay to the University Treasurer a fine of $2.00 for each of these days on which an absence occurred. Validity of the excuse will be determined by the Registrar.

Chapel Attendance. For the duration, while the student body is small enough to meet at one assembly, a convocation of the entire student body is held once a week. Only students who hold degrees are exempt. Although the program is supervised by the staff of the Office of the Dean of Students, the programs are arranged by a student committee in an effort to maintain school spirit and student morale during the present troublesome times.

Student Conduct. A student is expected to show under all circumstances a proper respect for order, morality, and the rights of others, and such sense of personal honor as is demanded of good citizens.

The University reserves the right to exclude at any time students whose conduct is deemed improper or prejudicial to the interests of the University community.

Withdrawal From the University. A student under the age of twenty-one will not be permitted to withdraw from the University during a quarter without the written consent of his parent or guardian. Any student leaving the University before the end of a quarter for which he is registered should secure a withdrawal permit from the dean of his college or school and file such permit with the Registrar.

A student against whom charges are pending will not be permitted to withdraw from the University until such charges shall have been passed upon.

Report to Parents. At the close of each quarter a report of a student's grades will be mailed to his parent or guardian. In the case of freshmen, a report will be made at the end of the first six weeks of the Fall Quarter.

Reports will also be made to a parent regarding any official action that has the effect of placing a student on probation or of excluding him from the University.

Handbook of Student Regulations. Any student may obtain from the Office of the Dean of Students a handbook of student regulations. This booklet contains a statement of all regulations adopted by the University

Faculty regarding such matters as conduct, absences from class, scholarship, eligibility for membership in fraternities and sororities, social functions, eligibility for participation in student activities.

HONORS

The University strives to promote excellence in scholarship by giving official recognition to those students whose scholastic work is of a superior character. It also recognizes outstanding ability in speaking, writing, and other forms of activity.

GRADUATION WITH HONORS

The University awards degrees with highest honors to those candidates who have made a grade of A in all courses taken as satisfaction of the degree requirements.

VALEDICTORIAN

In the spring of each year, the Registrar prepares a list of the names of the five members of the graduating class who have the highest averages on the work done in the University of Georgia. From this list the members of the Senior Class choose a Valedictorian. A student is not eligible for his honor unless all of the work of his Junior and Senior years is taken in residence at the University.

HONORARY FRATERNITIES AND SOCIETIES

There are several honorary fraternities and societies at the University which extend recognition to students on the basis of scholarship and good character. There are chapters of Phi Beta Kappa, of Phi Kappa Phi, and of many college, school, and departmental honor societies. Membership in these societies is highly prized in educational circles.

HONOR LIST

After the close of the college year, an Honor List is made up for all classes on the basis of the work of the year. The first group on this list constitutes the Dean's List and consists of those who have made an average grade of 90 or whose grades place them in the upper 5% of their class group. The second group in the Honor List consists of those whose grades place them in the upper 10% of their class group but whose names are not included in the Dean's List. In the case of freshmen and sophomores, the Honor List is made on the basis of the total enrollment in all of the schools and colleges of the University. Students whose names are on the current Dean's List may, at the discretion of their dean, be permitted to schedule extra hours (see page 33) for credit.

One day in October of each year is set aside as an occasion for according special recognition to those students whose names appear on the Honor List and those who have been elected to the Phi Beta Kappa or Phi Kappa Phi scholarship societies.

UNDERGRADUATE SCHOLARSHIPS, HONORS, AWARDS AND PRIZES

These are grouped together as there is so much overlapping in the terminology of some of the original gifts that there is no satisfactory way to group them in distinguishing categories.

Unless otherwise specified these scholarships, honors, awards and prizes are open to both men and women.

AGRICULTURAL ENGINEERING FACULTY AWARD. Each year the faculty of the Department of Agricultural Engineering gives special recognition to those students in the department whose accomplishments have been outstanding. The awards are made on the basis of scholastic attainment, character, and leadership. The names of those selected are engraved on a bronze plaque. Each student selected receives a one-year membership in the American Society of Agricultural Engineering.

JUNIOR AGRICULTURAL SCHOLARSHIP. The University holds a fund from which it is authorized to pay $30 to that member of the Junior Class in the College of Agriculture who showed the greatest proficiency in agricultural studies during the Sophomore year. It is stipulated that the $30 award must go toward the payment of fees for the Junior year.

SENIOR AGRICULTURAL SCHOLARSHIP. The University holds a fund from which it is authorized to pay $40 to that member of the Senior Class in the College of Agriculture who showed the greatest proficiency in agricultural studies during the Junior year. It is stipulated that the $40 award must go toward the payment of fees for the Senior year.

SOPHOMORE AGRICULTURAL AWARD. The University holds a fund from which it is authorized to pay $20 to that member of the Sophomore Class in the College of Agriculture who showed the greatest proficiency in agricultural studies during the Freshman year. It is stipulated that the $20 award must go toward the payment of fees for the Sophomore year.

ALPHA KAPPA PSI PRIZE. The Alpha Kappa Psi national commerce fraternity awards annually a gold pin to that member of the Junior Class of the College of Business Administration, who, in the opinion of the faculty of the College, has made the best record during the year. The award is based on scholarship and character.

ART SCHOLARSHIP. For the purpose of encouraging high school graduates talented in art to attend college, the University gives one one-year scholarship to a high school graduate selected by a statewide contest among high school seniors who are interested in attending the University and majoring in art. The value of the scholarship is the same as the First Honor Scholarships. Correspondence regarding this scholarship should be addressed to Mr. Lamar Dodd, Head of Department of Art.

ART STUDENTS' LEAGUE AWARDS. Cash awards given for the outstanding works of art shown in the students' exhibition at the end of the school year after the Shorter Awards are given. The Art faculty and the Art League Committee form a jury to select the work.

ATHLETIC SCHOLARSHIPS. Given to men with exceptional athletic ability. The amount of the scholarship varies as to the applicant's qualifications. Correspondence concerning these scholarships should be addressed to Mr. Wallace Butts, Director of Athletics.

BARROW PRIZE. Mr. Craig Barrow of Savannah offers annually a prize of $50.00 to the student in the Music Department who is adjudged by the Director to have done the most to increase the interest in music on the campus.

BRYAN PRIZE. The late William Jennings Bryan gave to the University the sum of $250 and directed that the income of this amount be awarded

annually as a prize to that student who writes the best essay on the democratic form of government. Essays are submitted to the Head of the Department of Political Science and are judged by a committee of the faculty of this Department.

Edward A. Burdette Memorial Medal. This medal is offered by Mrs. L. G. Daingerfield in memory of her son, Edward A. Burdette. It is awarded to that member of the Senior Class, who, in the judgment of the faculty of the English Department, has done the best work as a major student in the field of English.

Nathan Burkan Memorial Competition. The American Society of Composers, Authors, and Publishers annually offers a cash award of $100 to that student of the graduating class who submits the best paper on *Copyright Law*. Selection made by Law faculty.

Chi Omega Prize. The Mu Beta Chapter of the Chi Omega Sorority offers a prize of $25 to the woman student of the University who makes the highest scholastic average during the year. In order to be eligible for this prize, a student must take at least three courses per quarter throughout the year.

Joe Brown Connally Prize. This prize of $100 was established in memory of Joe Brown Connally by his family. It is awarded annually to that member of the Junior Class who is most proficient in Georgia history.

Selection made by Head of the History Department in consultation with the instructor of the class in Georgia History.

Dairy Products Judging Award. Trophies and products given by various commercial companies to encourage interest in the Dairy Products Judging Contest which is open to all students interested in judging dairy products.

Debaters Medals. The University awards annually a key to each of the six members of the Freshman Class who are selected by the Debate Council for membership on the Freshman Debate Team.

Delta Delta Delta War Scholarship. A fund set up by the local chapter of the Delta Delta Delta Sorority and the national organization to aid a junior or senior woman to continue her studies if her financial situation has become critical due to war dislocation of her income for college expenses. Application blanks may be secured from the Secretary of Scholarship Committee. Recommendations are made to the National Sorority by a local committee, final awards made by National Office of Delta Delta Delta.

Delta Sigma Pi Scholarship Key. The Delta Sigma Pi national commerce fraternity awards annually a gold key to that member of the Senior Class of the College of Business Administration, who, in the opinion of the faculty of the College, has made the best record during the year. The award is based on scholarship and character.

Dodd Award. The University of Georgia Art League gives to a student in the Art Department an award called the Lamar Dodd Award for outstanding work and service. Usually given to a senior but not necessarily. The award consists of the student's name being engraved on a loving cup which remains the property of the Art Department. Students and faculty of the Department make the selection.

First Honor Graduate Scholarships. For the purpose of encouraging superior high school graduates to come to the University, the Board of

Regents has authorized the University to award to the first-honor graduate of each accredited high school in the state a one-year scholarship. The holder of such a scholarship, if he enters the University within twenty months after graduation from high school, will be relieved of the payment of all fees during the Freshman year except the $20 student activity fee required of all students. This latter fee covers the cost of hospital service, of subscriptions to student publications, of tickets to all athletic events; it also provides funds for lectures, recitals, and all forms of social and extra-curricular activities.

Correspondence regarding these scholarships should be addressed to the Director of Admissions.

Harrison Prize. The Harrison Company, law-book publishers of Atlanta, Georgia, offers as a prize to that member of the law graduating class who makes the highest average during his Senior year a copy of *Redfearn's Wills and Administration of Estates in Georgia,* Revised Edition. Selection made by Law faculty.

Walter B. Hill Prize in Ethics. Judge Horace Russell established an annual prize of $50 that is awarded to the student who writes the best essay on a subject in the field of Ethics that is assigned by the Professor of Philosophy. Selected by committee chosen by faculty of Philosophy Department.

Junior Orator's Prize. The University awards annually a silver loving cup to that member of the Junior Class who delivers the best original oration. Sponsored by Demosthenian and Phi Kappa Literary Societies, judged by members of University faculty.

Lawyer's Co-operative Publishing Company Prize. The Lawyers' Co-operative Publishing Company offers as a prize to that member of the class in Legal Bibliography who makes the highest grade a copy of *Ballentine's Law Dictionary.* Selection made by Law faculty.

Isaac Meinhard Memorial Award. A fund of one thousand dollars from which the net annual income shall be used to provide an annual prize for the student who has the highest average grade for all of his law work. Selected by Law faculty.

Quimby Melton-Griffin News Prize. A prize of twenty-five dollars given by Quimby Melton, editor and publisher of the Griffin News, to the winner of an essay contest, the subject of the essay and the number of words determined by the donor. A committee of judges is appointed by the Dean of the School of Journalism and Mr. Melton.

Hamilton McWhorter Prize. Hamilton McWhorter of the class of 1875 provided for the award annually of a medal to that member of the Freshman Class of the University having the highest scholastic average on the year's work.

Bert Michael Scholarship. The family of the late Bert Michael of the class of 1912 gave to the University a fund of $1,000. The income of this fund is awarded annually as a prize to that member of the Junior Class who is selected by a committee of the faculty. In making the award, the faculty committee considers scholarship, qualities of character, and also financial need.

Music Scholarship. Private donations to the Music Department to provide small scholarships for outstanding students. Correspondence concern-

ing these scholarships should be addressed to Mr. Hugh Hodgson, Music Department.

Omicron Delta Kappa Prize. The Omicron Delta Kappa honorary fraternity awards annually a silver loving cup to that man student in the University who makes the highest scholastic average during the academic year. In order to be eligible for this prize, a student must have been in residence at the University for three quarters.

Phi Kappa Phi Prizes. The Phi Kappa Phi honorary society offers to that member of the Sophomore Class, to that member of the Junior Class, and to that member of the Senior Class whose scholastic work shows the greatest improvement over the work of the preceding year a copy of *Webster's International Dictionary*. Each of these prizes has a value of $25.

Georgia Scholastic Press Association Scholarships. Two scholarships yearly to high school graduates of the same value as the First Honor Scholarships. The winners are chosen by the faculty of the School of Journalism through the GSPA upon recommendation of the faculty advisers of the various high school publications of the state. Correspondence concerning these scholarships should be addressed to Mr. John E. Drewry, Dean of the School of Journalism.

Purina Mills Scholarship. The Purina Mills Company of St. Louis gives a scholarship that consists of paying the recipient's expenses for one month of study in the factories and laboratories of the company and a leadership course on Lake Michigan to an outstanding member of the Junior class in Animal Husbandry. The staff of the Animal Husbandry Department makes the selection.

Redfearn Prize. Mr. D. H. Redfearn of the Miami bar offers a prize of $50 to the law student writing the best article on *Suggested Changes in the Remedial Laws of Georgia*. Selected by Law faculty.

Horace Russell Prize in Psychology. Judge Horace Russell established an annual prize of $50 that is awarded to the student who writes the best essay on a subject in the field of Psychology that is assigned by the Professor of Psychology.

Shorter Awards. Three purchase prizes of $25, $15, and $10 respectively, are offered by Edward S. Shorter of Columbus, Georgia. These prizes are given to students of the Art Department for work of outstanding merit selected by the faculty of the Department. Works receiving these awards will remain the property of the Department.

Sigma Delta Chi Achievement Award. The Sigma Delta Chi national journalistic fraternity awards annually a certificate and key to the outstanding male senior in Journalism. He is selected by a committee composed of the president of the local chapter of Sigma Delta Chi, faculty adviser of the chapter, and one alumni member.

Sigma Delta Chi Scholarship Awards. The Sigma Delta Chi national journalistic fraternity awards annually certificates of distinction to those graduates of the School of Journalism who stand in the upper 10 per cent of their class.

Sophomore Declamation Prize. The University awards each year a silver loving cup to that member of the Sophomore Class who is adjudged to be the best declaimer. Sponsored by Demosthenian and Phi Kappa Literary Societies, judged by members of the University faculty.

SWIFT AND COMPANY SCHOLARSHIP. Swift and Company of Chicago offers a scholarship that consists of paying the recipient's expenses in Chicago for one week of intensive instruction in livestock marketing to the student who writes the best essay on some phase of livestock marketing. This scholarship is administered by the Animal Husbandry Department.

U. D. C. SCHOLARSHIPS. Yearly scholarsh p. equivalent in value t[illegible] First Honor Scholarship. Recipient, who is selected by the Laura Rutherford Chapter of the U. D. C. of Athens, Georgia, must be a lineal descendant of a Confederate veteran. Correspondence concerning this scholarship should be addressed to the Laura Rutherford Chapter of the U. D. C.

A similar scholarship is awarded a student named by the National organization of the United Daughters of the Confederacy under its rules governing the award. Correspondence concerning this should be addressed to the National Office of the U. D. C.

THE MARJORIE PEABODY WAITE SCHOLARSHIP. Mrs. Marjorie Peabody Waite has established a scholarship of $125 that is awarded annually to some member of the Junior Class of the School of Forestry. The award is made by the faculty of the School of Forestry on the basis of scholarship, character and need.

WATSON SCHOLARSHIP. Colonel J. D. Watson of Watson Springs, Georgia, has provided scholarships similar in value to the First Honor Scholarships for a number of his nieces, nephews and other relatives.

XI SIGMA PI PRIZE. The Forestry Club of the University offers a prize of $10 to that member of the Freshman Class of the School of Forestry who does the most outstanding work during the year. Selected by a committee from the organization.

The following are inactive for the duration:

ALPHA GAMMA RHO SCHOLARSHIP AWARD
ALPHA ZETA FRESHMAN SCHOLARSHIP PRIZE
ALPHA ZETA WRITER'S PRIZE
LITTLE INTERNATIONAL LIVESTOCK SHOW AWARDS
MILITARY PRIZES

For further information concerning any of the above scholarships, write Mrs. Dorothy S. Whitehead, Secretary of Scholarship Committee.

Fellowships, scholarships and prizes for Graduate Students will be found under *Graduate School.*

STUDENT LIFE AND ACTIVITIES

STUDENT COUNSELING

The University maintains for the benefit of its students a counseling and guidance service in the Office of the Dean of Students and under the direct supervision of the Director of Placement and Student Aid. Both the Dean of Students and the Director of the Division of Placement and Student Aid and the other members of the staff of the Dean of Students are always available for conferences with students and with their parents.

In addition to these administrative counselors and the various members of the faculty who advise students, the University has designated certain professors as Faculty Counselors. These Counselors are particularly interested in students and are specially trained to serve in this capacity. A particular effort is made to reach and help all students who, because of illness, discouragement, maladjustment, financial difficulties, or other obstacles, need special assistance. The Faculty Counselors assist a large number of students in choosing their life work and in selecting courses of study which will prepare them for that work. The services of the Office of the Dean of Students and of the Faculty Counselors are available to all students in the University free of charge. A student may arrange to see a Counselor at any time by communicating with the Division of Placement and Student Aid, 115 Academic Building.

STUDENT HEALTH SERVICE

The Department of Student Health is established for the protection and care of health of students attending the University. In 1940 Judge Price Gilbert gave to the University funds for the erection of a new infirmary. This building is known as Gilbert Memorial Infirmary and will be used for the duration of the war by the U. S. Navy Pre-Flight School.

A part of the fees paid by each student goes into a fund for the support of the Infirmary. In return for this the student receives a thorough physical examination each year and is entitled to call at the Infirmary at any time between eight o'clock in the morning and six o'clock in the evening for free consultation service. A bed is made available to any student needing hospital care. Students who are admitted to the Crawford W. Long Infirmary and who do not board in the University dining halls on a quarterly basis are asked to pay $1.50 per day to cover the cost of their meals and laundry. Students boarding in the University dining halls on a quarterly basis are required to pay 75 cents per day.

When the University physician visits a student at a dormitory or boarding house, a fee of $2.00 is charged.

The University does not attempt to provide the services of surgical specialists, dental care, special nursing, or other unusual treatment as a regular part of its health program.

UNIVERSITY LECTURE SERIES

A portion of the fees paid by students is set aside in a special fund to provide financial support for the University Lecture Series. Each year several distinguished speakers and artists are brought to the University. The object of these programs is to offer to the students the advantages

of cultural entertainment. Every student during the period of his residence at the University has the opportunity to see and hear some of the most renowned figures in the artistic, literary, and scientific worlds.

ARTISTIC, DRAMATIC, AND MUSICAL ACTIVITIES

The Art Department sponsors exhibitions of various types of art work from time to time during the year.

The University Theatre presents plays, usually one a quarter. All students of the University are eligible to participate in any phase of the productions.

Musical activities include the Men's Glee Club and the Women's Glee Club, the Little Symphony Orchestra, the University Band, and a dance orchestra. The Men's Glee Club makes at least one tour each year.

Occasionally students particularly qualified for the band or orchestra have the opportunity of earning a small amount for their services to these groups. This opportunity is often spoken of as a student activity scholarship but in reality it is part-time work.

Music Appreciation Hour, conducted every Thursday by Mr. Hugh Hodgson, head of the Music Department, is designed to teach students to enjoy good music. This hour has been very popular with the students and with the people of Athens.

ATHLETIC PROGRAM

The University maintains a full program of intercollegiate athletics for men. Included in this group are football, basketball, baseball, track, cross-country, tennis, golf, swimming, rifle marksmanship, and other minor sports.

Men's intramural athletics include touch football, basketball, track, cross-country, tennis, softball, golf, rifle markmanship, boxing, bowling, soccer, pool, swimming, volleyball, ping-pong, and other sports.

A program of women's intramural sports is sponsored by the Department of Physical Education for Women and the Women's Athletic Association. Sports included are volleyball, swimming, horse shoes, golf, basketball, bowling, table tennis, rifle marksmanship, fencing, badminton, softball, tennis, archery, and other sports.

During the war emergency these activities are somewhat curtailed.

FORENSIC ACTIVITIES

True to the traditions of southern oratory and debate, the University offers four debating societies to the students: Demosthenian Literary Society and Phi Kappa Literary Society (for men), Pioneer Club (for women), and Agricultural Club (for agriculture students). Throughout the year intersociety debates and orations maintain unusual interest in the societies.

Apart from the literary societies, the University sponsors debating teams open to men and women students. These teams engage the outstanding colleges of the South and of the nation.

STUDENT PUBLICATIONS

Student publications include two of a campus-wide nature, namely, *The Red and Black* (weekly newspaper), and *Pandora* (the University year book). In addition to these campus-wide publications there are certain student publications sponsored by the various schools and colleges or by organizations on the campus. Among these are: *Georgia Agriculturist* (monthly magazine in the College of Agriculture), *Cypress Knee* (publication of the School of Forestry), *The Georgia Clover Leaf* (year book of 4-H Club), *Georgia Agricultural Engineer* (year book of the Department of Agricultural Engineering).

RELIGIOUS ORGANIZATIONS

Three major units of student religious activity—the YMCA, the YWCA, and the Coordinate College YWCA—function under the University Voluntary Religious Association. The University recognizes that religious influences are essential to the well-rounded development of the individual. The Association cooperates with student pastors and workers maintained by the Athens churches, and throughout the year sponsors special programs for and by the students.

FRATERNITIES AND SORORITIES

Social organizations on the campus include Men's Greek Letter Fraternities and Women's Greek Letter Sororities. These organizations as well as many clubs and societies of a social nature provide the campus with many social functions during the year.

HOUSING OF STUDENTS

NOTE: The following announcement about housing will be subject to change without notice, since the University is expected to take care of certain military programs. However, adequate housing for both men and women is definitely promised. Communications on housing should be addressed to the Office of the Dean of Students, Division of Housing.

DORMITORIES FOR MEN. The University has excellent dormitory facilities for the accommodation of its students, but due to the exigencies of war and the necessity for full cooperation with the government, these facilities are not available at the present time. With the exception of two small housing units (Bishop House and Vanatter House, $22 per quarter room and laundry) the only dormitory available for men is the Sigma Nu House, which is occupied partly by the fraternity but chiefly by general students under the auspicies of a University proctor. Room and laundry is $37 per quarter. If the military program is curtailed, a regular dormitory may be available.

For men students there are ample accommodations in the numerous boarding houses throughout the city, and the cost for board and lodging will be approximately the same as it has been in the dormitories. The office of the Dean of Students is prepared to give full information as to these accommodations.

DORMITORIES FOR WOMEN. Three regular dormitories are available for women, Lucy Cobb, Clark Howell Hall, and Candler Hall. In addition

the University has leased four fraternity houses for the use of women students (Sigma Chi, Chi Phi, Chi Psi, Phi Delta Theta) all being under complete University auspices with full-time house mothers in charge, as are three residences taken over for women's housing (Woman's Club, Buckingham, David House). Room, board and laundry ranges from $102.50 to $112.50.

The University operates a cooperative house, Crawford Long House. The purpose of the cooperative house is to provide room and board of good quality at a minimum cost. To keep costs as low as possible, students do a considerable portion of the house work. Room and board is $65 a quarter. A full-time house mother is in charge.

All dormitory rooms are furnished with single beds, dressers, tables, chairs and shades. Students are expected to furnish pillows, sheets, blankets, counterpanes. If dresser covers and rugs are desired, they must be supplied by the students.

All women students will be given thoroughly satisfactory lodging and table board under proper chaperonage and supervision. The University will spare no effort to provide and supervise the most satisfactory accommodations for its students, and the students themselves are cooperating cheerfully and willingly in this effort to aid the government in every possible way.

Women students may not live in private houses except with the express approval of their parents and of the Office of the Dean of Students, and then only for exceptional reasons.

Dining Halls. The dining halls of the University are under the immediate supervision of experienced dietitians. Women students in University dormitories take their meals at Lucy Cobb Dining Hall, Phi Delta Theta Dining Hall, or Denmark Dining Hall, with the exception of Crawford Long House, which has its own dining room. Denmark Dining Hall is open to men students.

Laundry Service. The University operates a laundry as a convenience to its students and as a safeguard to their health. The quarterly charges made for dormitory rooms includes an allowance for approximately sixty cents per week for laundry.

Reservations. Requests for reservations of rooms should be accompained by a remittance of $10. No room will be reserved until this deposit is made. When the student comes to the University, the deposit will be credited to the rental charge for the first quarter of his residence.

If the student decides later not to come to the University, the deposit will be refunded provided a written request is made at least ten days before opening date.

Room and Board Refunds. A student withdrawing from the University will be charged a daily rate for room and board from the beginning of the quarter to the date of withdrawal. After deductions for these charges have been made, the balance of the student's payment will be refunded to him at the end of the quarter during which he withdraws.

Payments for room and board will not be refunded to a student who, while continuing as a student in the University, moves to other lodgings during the quarter for which payment has been made. An exception to

this regulation is made when the student moves with permission from the Director of Housing.

Room and Board in Fraternity and Sorority Houses. Each of the local chapters of fraternities and sororities at the University maintains a house which provides facilities for room and board for its members.

All fraternity and sorority houses are under the general supervision of the Office of the Dean of Students and his associates. All sorority and several of the fraternity houses have house directors who exercise an immediate supervision over the activities of the houses.

FEES AND EXPENSES

FEES PAYABLE ON REGISTRATION

Matriculation Fee—Resident Students. Each student who is a citizen of the State of Georgia and has been a citizen of the state for at least twelve months preceding the date of his registration in the University, is required to pay during the registration period at the beginning of each quarter a matriculation fee of $47.50.

Matriculation Fee—Non-Resident Students. Each student who has not been a citizen of the State of Georgia for at least twelve months preceding the date of his registration in the University shall pay during the registration period at the beginning of each quarter a matriculation and tuition fee of $91.50.

In determining the liability of a student to pay the non-resident fee, the University officials will follow the legal principle that the citizenship of a person under twenty-one years of age will follow the citizenship of the parent who is entitled to his custody and control.

Matriculation Fee for Law Students. Students taking professional work in law are required to pay $12.50 more per quarter than other students are required to pay. Students who have been citizens of Georgia for at least twelve months must pay a quarterly fee of $60; non-resident students must pay a quarterly fee of $104.

Matriculation Fee for Students With Less Than Ten Hours. Students who are permitted to register for less than ten quarter hours of work must pay a matriculation fee of $3.50 for each quarter hour. Non-resident students of this class must pay a fee of $6 for each quarter hour of work taken. Students paying on a quarter hour basis are not entitled to athletic tickets or a Pandora except on payment of an extra charge.

Laboratory and Special Fees. In some science courses requiring laboratory work, the payment of an extra laboratory fee is required. A special fee is charged in certain other courses to cover the cost of materials used by the student. The extra fees for such courses vary from $1.00 to $7.50. The catalogue description of a course indicates the amount of any special fee that may be charged those registering for the course.

In certain laboratory courses requiring the use of expensive equipment, students must pay a breakage deposit fee. This fee will be returned to students at the end of the year less any deductions for breakage. Students in laboratory courses whose breakage has exceeded their deposit must make an additional payment to the University. The catalogue statement regarding a course indicates any breakage deposit fee that may be required.

Military Book Fee. Freshman and Sophomore students at the time of their initial registration for the courses in basic military science are required to pay a fee of $5.00 to cover the costs of text books and other materials used in these courses. The fee is not charged to Sophomores who paid the fee during their Freshman year.

Military Uniforms. Uniforms will be issued by the U. S. Government for the use of students, but these uniforms remain the property of the United States. A deposit of $25.00 will be required from each student to insure against loss of or damage to uniforms used. This deposit will be returned to the student when he leaves the University or completes the basic course, provided he has turned in his uniform in good order.

TIME AND METHOD OF PAYMENT OF FEES AND CHARGES

Time of Payment. All fees, deposits, and charges for room and board are payable during the registration period at the beginning of each quarter. A student is not officially registered as a student in the University until such fees and charges are paid. Students who do not make payment within the registration period will be required to pay the service charge for late registration.

Method of Payment. All payments should be made to the Treasurer's Office in the Academic Building on the North Campus. Fees and charges may be paid in cash or by check in the exact amount of the student's bill. If a check given for a student's bill is not paid on presentation to the bank on which it is drawn, the student's registration will be cancelled. If the registration is cancelled after the registration period for the quarter has expired, the student may re-register only on payment of the service charge for late registration.

Students are advised to bring their money from home in the form of express or travellers' checks, or in the form of money orders and to deposit these in a local bank.

Deferred Payments. Students who find it inconvenient to pay their bills in full at the beginning of a quarter may arrange with the Treasurer of the University to pay one half during the registration period at the beginning of a quarter and the remaining one half on some date near the middle of the quarter that may be agreed upon by the student and the Treasurer of the University. The Treasurer is not authorized to agree to any other plan of deferred payment. Students who cannot meet payments on these terms should consult the Secretary of the University Committee on Student Loans.

If a student fails to make deferred payments promptly on the date agreed upon, 50 cents per day will be added until a maximum of $2.50 is reached. When this maximum charged is reached, registration will automatically be cancelled.

Reinstatement of registration can be obtained only with the approval of the Dean of the College or School in which the student is registered and upon payment of all charges due the University.

SPECIAL FEES AND CHARGES

Change of Course Fee. A fee of $2.00 is charged for a change of course by a student except when the change is made in the regular assigned period or for good reasons beyond the control of the student.

Service Charge for Late Registration. A student who registers after the close of the registration period at the beginning of a quarter must pay a service charge of $2.00 with no exception for any reason.

Special Examination Fee. The University reserves the right to charge a fee of $2.00 for any special examination that may be given at the request of a student.

Fine for Absences Before and After Holidays. A student who is absent from any class or regular University exercise on the day before or the day after a holiday period and who has no valid excuse for such absence shall be required to pay a fine of $2.00 for each of these days on which an absence occurred.

Transcript Fee. A student who has discharged all financial obligations to the University is entitled to receive on request and without charge one transcript of his academic record. A charge of $1.00 will be made for each additional transcript.

Diploma Fee. The fee for a diploma is $5.00. This fee should be paid not later than the first of the quarter immediately preceding graduation.

FEE REFUNDS

Students who withdraw from the University during the first ten days of a quarter are entitled to a refund of the fees paid for that quarter less $5.00. Students who withdraw after ten days but within the first half of a quarter are entitled to a refund of one-half the fees paid for that quarter less $5.00. Students withdrawing after the expiration of the first half of a quarter are not entitled to any refund.

Students suspended for disciplinary reasons shall have no right to a refund of any portion of the fees paid.

Breakage deposits less any authorized deductions will be refunded at the end of the academic year or at the close of the quarter following a student's withdrawal from the University.

Information regarding refunds of payments for room and board is set forth under the head of Student Housing.

No refunds of any nature can be made except at the end of a quarter.

RESERVATION OF RIGHT TO CHANGE FEES

The University reserves the right to make changes in its fees and charges at the beginning of any quarter and without previous notice. This right will be exercised cautiously.

SUMMARY OF EXPENSES

It is estimated that the reasonably necessary expenses of a student at the University vary from $396.00 to $685.00. This estimate includes University fees and the cost of books, military uniform, room, board, and laundry. It does not include travel, clothing, and incidental expenses.

Law students and non-resident students will find the cost somewhat more because of the higher fees required of them.

FINANCIAL AID FOR STUDENTS

LOAN FUNDS

For the assistance of deserving students who have not sufficient means to pay all their college expenses, a number of loan funds have been established by friends of the University. The aggregate amount of these funds is now approximately $1,250,000.00. A loan to a student in any academic year will not ordinarily exceed the amount of his fees during that year.

Unless otherwise specified, applications for loans should be addressed to the University Committee on Student Loans, and mailed to Mrs. Dorothy Whitehead, Secretary of the Committee. Applications for loans should be made at least one month prior to the beginning of the quarter for which the loan is requested.

A list of the loan funds follows:

Lucile Alexander Fund. Open to Juniors and Seniors in the School of Home Economics.

Alpha Zeta Fund. Open to members of the Alpha Zeta Fraternity.

Alumni Association Fund. (College of Agriculture.) Open to students in the College of Agriculture.

Preston S. Arkwright Fund. Open to men students of the University.

R. & L. Arnold Fund. Open to boys in the College of Agriculture.

Atlanta Cotton Oil Company Fund. Open to boys in the College of Agriculture.

Atlanta Journal Fund. Open to boys in the College of Agriculture.

Atlanta Stockyards Fund. Open to boys in the College of Agriculture.

Dupree Barrett Fund. Open to Juniors and Seniors in the School of Forestry.

L. H. Beall Fund. Open to boys in the College of Agriculture.

Bibb County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Bibb County.

Charles H. Brand Fund. Open to men students of the University.

Mary Upshaw Broach Scholarship Fund. Open to Home Economics students.

Charles McDonald Brown Fund. Open to men students of the University and men students of the Medical College.

Henry W. Brown Fund. Open to men students of the University.

Bryan County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Bryan County.

Shepard Bryan Fund. Open to boys in the College of Agriculture.

Bernice F. Bullard Fund. Open to worthy men and women students of the University.

Asa G. Candler Fund. Open to boys in the College of Agriculture.

Chas H. Candler Fund. Open to boys in the College of Agriculture.

Carroll County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Carroll County.

Charlton County 4-H Club Dawson Fund. Open to students in the College of Agriculture.

Chamberlin-Johnson-DuBose Fund. Open to Juniors and Seniors in the School of Home Economics.

Chatham County Dawson Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Chatham County.

A. F. Churchill Memorial Fund. Open to worthy men and women students of the University.

Citizens and Southern National Bank Fund. Open to boys in the College of Agriculture.

Obadiah Lewis Cloud Fund. Open to worthy young men of the University

Mrs. J. H. Cloudman Fund. Open to students in the College of Agriculture.

Cobb County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Cobb County.

Columbia County Dawson Fund. Open to students in the School of Home Economics whose homes are in Columbia County.

D. A. R.-Elijah Clarke Chapter Fund. Open to women students of the University.

D. A. R. Lila Napier Jelks Fund (Hawkinsville Chapter). Open to Juniors and Seniors of the University whose homes are in Pulaski County.

D. A. R. Memorial Fund. Open to men students of the University.

D. A. R. Richmond Walton McCurry Fund. Open to worthy women students of the University.

D. A. R.-May E. Talmadge Fund. Open to men and women students of the University.

Edgar Gilmer Dawson Fund. Open to students in the College of Agriculture.

DeKalb County Dawson Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in DeKalb County.

W. S. Denmark Fund. Open to men and women students of the University.

Eugene and Harry Dodd Fund. Open to men students of the University.

Early County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Early County.

Elbert County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Elbert County.

Epsilon Sigma Phi Fund. (Alpha Beta Chapter.) Open to students in the College of Agriculture.

Exchange Club Fund (Atlanta). Open to boys in the College of Agriculture.

W. W. Findley Fund. Open to boys in the College of Agriculture.

Lucy Hurt Fisher Fund. Open to boys and girls in the College of Agriculture.

Chas. W. Ford Fund. Open to boys in the College of Agriculture.

Forestry Loan Fund. Open to students in the School of Forestry.

Four-H Club Fund. Open to students in the College of Agriculture.

Freshman Y Commission Fund. Open to Freshmen women of the University.

Fulton County Dawson Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Fulton County.

Georgia-A. & W. P. Railroad Fund. Open to boys in the College of Agriculture.

Georgia Bankers Fund. Open to boys in the College of Agriculture.

Georgia Bankers' Boys Club Fund. Open to boys in the College of Agriculture.

Georgia Bankers' Girls Club Fund. Open to Juniors and Seniors in the School of Home Economics.

Georgia Power Company Fund. Open to boys in the College of Agriculture.

Girls Canning Club Fund. Open to Juniors and Seniors in the School of Home Economics.

Glynn County Dawson Four-H. H. E. Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Glynn County.

Grady County Dawson Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Grady County.

Hall County Dawson Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Hall County.

Hancock County Dawson Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Hancock County.

James C. Harris Fund. Open to men and women students of the University.

Frank Hawkins Fund. Open to boys in the College of Agriculture.

A. L. Hull Memorial Fund. Open to men students in the University.

J. H. Hunt Fund. Open to men and women students of the University.

Jasper County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Jasper County.

Mrs. Graham Johnson Fund. Open to boys in the College of Agriculture.

Bess D. Jones Fund. Open to boys in the College of Agriculture.

Junior League, Atlanta Fund. Open to Juniors and Seniors in the School of Home Economics.

Kirkwood P.-T. A. Fund. Open to boys in the College of Agriculture.

J. B. Keough Fund. Open to boys in the College of Agriculture.

Joseph Rucker Lamar Scholarship Fund. Open first to a student from Richmond Academy in Augusta, Georgia for use at the University of Georgia, secondly to other students in the state.

Francis Eugene Lanier Fund. Open to Juniors and Seniors in the School of Home Economics.

Laurens County Dawson, H. E. Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Laurens County.

Francis A. Lipscomb Fund. Open to men students of the University.

Arthur Lucas Fund. Open to boys in the College of Agriculture.

Joseph Henry Lumpkin Fund. Open to men students in the University.

McDuffie County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in McDuffie County.

Mrs. P. C. McDuffie Fund. Open to boys in the College of Agriculture.

McIntosh County Dawson, H. E. Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in McIntosh County.

Macon County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Macon County.

Mr. and Mrs. T. O. Marshall Fund. Open to men and women students of the University.

R. H. Martin Fund. Open to boys in the College of Agriculture.

Meriwether County Dawson Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Meriwether County.

Moina Michael Fund. (Given by the American Leagon Auxiliary.) Open to sons and daughters or brothers and sisters of World War Veterans.

Thos. E. Mitchell Fund. Open to men and women students of the University.

University of Georgia Mitchell Fund. Open to men and women of the University.

Coordinate Mitchell Fund. Open to students in Coordinate College.

Georgia Tech Mitchell Fund. Open to students of Georgia Tech. (Write Georgia Tech.)

G. S. C. W. Mitchell Fund. Open to students of G. S. C. W. (Write G. S. C. W.)

Moon Loan Fund. Open to men and women students of the University.

Muscogee County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Muscogee County.

R. C. Neely Fund. Open to boys in the College of Agriculture.

C. T. Nunnally Fund. Open to boys in the College of Agriculture.

J. Carroll Payne Fund. Open to Juniors and Seniors in the School of Home Economics.

Phi Delta Phi Fund. Open to members of that fraternity.

Benjamin Z. Phillips Fund. Open to members of the second-year Law Class.

Albon W. Reed Fund. Open to boys in the College of Agriculture.

Bertha Rich Fund. Open to Juniors and Seniors in the School of Home Economics.

Richmond County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Richmond County.

Richmond County Dawson, H. D. A. Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Richmond County.

E. Rivers Fund. Open to boys in the College of Agriculture.

Rockdale County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Rockdale County.

Jas. D. Robinson Fund. Open to boys in the College of Agriculture.

S. D. V. Fraternity Fund. Open to students in the College of Agriculture.

Sale City Dawson Fund. Open to boys in the College of Agriculture from Sale City.

Savannah District Dawson Fund. Open to Juniors and Seniors in the School of Home Economics from that District.

John D. Simmons Fund. Open to boys in the College of Agriculture.

Hoke Smith Fund. Open to boys in the College of Agriculture.

State Home Dawson Fund. Open to Juniors and Seniors in the School of Home Economics.

Students Loan Fund. Open to men and women students of the University.

Mark Sullivan Fund. Open to men and women students of the University.

Sumter County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Sumter County.

Sumter County Dawson, H. D. A. Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Sumter County.

Tattnall County Dawson Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Tattnall County.

Telfair County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Telfair County.

Thomas County Dawson Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Thomas County.

Berryman Thompson Fund. Open to boys and girls from Coweta County.

Meldrim Thompson Fund. Open to Senior Law students of the University.

Toombs County Dawson Fund. Open to boys in the College of Agriculture, whose homes are in Toombs County.

Frances C. Tucker Fund. Open to worthy girls in the University.

Leila Bates Tye Fund. Open to Home Economics 4-H girls.

Ware County Dawson Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Ware County.

Washington County Dawson, H. E. Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Washington County.

Louis Wellhouse Memorial Fund. Open to men and women students of the University.

C. P. Whitehead Fund. Open to students in the College of Agriculture.

Whitfield County Dawson Fund. Open to Juniors and Seniors in the School of Home Economics, whose homes are in Whitfield County.

Robert W. Woodruff Fund. Open to boys in the College of Agriculture.

Ida A. Young Fund. Open to students of Coordinate College.

OUTSIDE LOAN FUNDS

There are a number of Educational Loan Foundations outside the University that lend money to worthy and deserving students at nominal rates of interest similar in length of terms to the regular University funds. Students may write these Foundations directly or be recommended by the Student Aid Supervisor of the University. Largest among these foundations are:

LEWIS H. BECK FOUNDATION
Mrs. Miriam W. Jenkins, Secretary, 1421 Candler Building, Atlanta, Georgia

KNIGHTS TEMPLAR EDUCATIONAL FOUNDATION
Mr. Thomas C. Law, Chairman, P. O. Box 1558, Atlanta, Georgia

PICKETT AND HATCHER EDUCATIONAL FOUNDATION
Mr. J. H. Cutler, Acting Executive Secretary, First National Bank Building, Columbus, Georgia.

ROTARY EDUCATIONAL FOUNDATION OF ATLANTA
Mr. Kendall Weisiger, Chairman, 603 Forsyth Building, Atlanta, Georgia

STUDENT AID FOUNDATION OF THE GEORGIA FEDERATION OF WOMEN'S CLUBS
Mrs. John K. Ottley, Chairman, 3415 Peachtree Road, N. E., Atlanta, Georgia; *Mrs. Harold Wey, Executive Secretary,* 317 South Hill Street, Griffin, Georgia.

Many civic organizations and clubs throughout the cities of Georgia maintain loan funds for local students. Students should make inquiry of these clubs.

STUDENT EMPLOYMENT

Besides the previously mentioned scholarships, honors, awards and prizes open to University students, the Office of the Dean of Students maintains a Bureau of Student Employment in its Division of Placement and Student Aid. One aim of this Bureau is to assist students who find it necessary or desirable to earn a part of their college expenses. There are work opportunities in the libraries, dining halls, dormitories, and in a few of the academic departments. There are a few jobs, formerly called student activity scholarships, amounting to various sums that are given to talented students who are capable of serving the University as leaders in various extra-curricular activities. Some of the activities in which such students may engage are the University Band, Orchestra, and Debating Teams.

It is very difficult to secure a job for a student before he arrives in Athens. Employers usually insist on personal interviews. A student should come to the University prepared to pay all his expenses for at least the first quarter of his residence.

Each year the Bureau assists many students in finding jobs. A student should not expect, however, to be able to earn enough to pay all expenses. The regular academic program of the University is supposed to provide a full load of work for the average student. A student who does any considerable amount of outside work will find it nessary to carry a reduced load of academic work and to spend a correspondingly longer time at the University.

Students interested in part-time employment should write to Mrs. Dorothy S. Whitehead, Student Aid Supervisor.

Additional financial aid for graduate students will be found under *Graduate School.*

PLACEMENT OF GRADUATES

The Division of Placement and Student Aid undertakes to assist those who have been enrolled as students in securing business and professional positions. The Division is in constant touch with a large number of alumni and business organizations that are potential employers of University students.

Any person who has completed a minimum of one year of work in residence in any department of the University is eligible to register for placement assistance. For this service the Division charges a $1.00 annual registration fee.

The Division of Placement also maintains a Camp Placement Bureau which assists students and graduates who are interested in camping to locate jobs as counsellors and assistants in summer camps. This service is particularly attractive to teachers whose schools do not have a summer session. Students and graduates should get in touch with the Camp Placement Bureau by March 1 if they are interested in camp work for the following Summer. There is no fee for this service.

SUMMER QUARTER

The Summer Quarter is divided into two terms of five and a half weeks each. The first term begins the week following the close of the Spring Quarter.

REGISTRATION

Students who take any course running over the quarter are required to register and pay fees at the beginning of the first term of their quarter's program. Students who take term courses only will not be allowed to register in June for the entire summer quarter but must register and pay their fees at the beginning of each term.

The Summer Quarter is a regular session of the University, coordinate with the Fall, Winter, and Spring Quarters. The general regulations of the University concerning entrance, fees, credits, and graduation are applicable to students attending the summer session.

The Summer Quarter faculty consists of teachers chosen from the regular faculties of the University and of outstanding teachers and specialists from other colleges and universities. Work is offered in practically every department of the University.

Students who register for only one term of the Summer School may take only such courses as may be completed within that term; they may not register for courses that run for the entire Quarter.

Students interested in attending the summer session of the University should write to the Director of Admissions, University of Georgia, and ask for a special bulletin of the Summer Quarter.

OTHER UNIVERSITY ACTIVITIES

DIVISION OF GENERAL EXTENSION

The Board of Regents strives to make the services of the University available to all the people of the state. With this purpose in mind, the Board has established the Division of General Extension. The central office of the Division is in Atlanta.

The Division of General Extension organizes classes in any part of the state where a demand for certain types of college work exists. Obviously, there are some courses that cannot be offered satisfactorily away from the University and its library and laboratory facilities. A number of members of the University are released from a part of their resident teaching load in order that they may conduct extension classes. Members of the faculty also offer through the Division of General Extension a limited number of correspondence courses. Extension and correspondence courses that have been approved by the University faculties may be counted toward a University degree to the extent of one fourth of the total degree requirements.

Requests for information concerning extension and correspondence courses should be addressed to the Director of the Division of General Extension, 223 Walton Street, N. W., Atlanta.

AGRICULTURAL EXTENSION DIVISION

Under the provisions of the Act of Congress known as the Smith-Lever Act, approved May 8, 1914, and supplementary Acts, and under the terms

of Georgia's acceptance of the benefits of these Acts, the Board of Regents is co-operatively responsible for a program designed to make available the results of scientific agricultural research to those engaged in practical farming and to those interested in home life in the rural areas. As a means of discharging its responsibility, the Board of Regents has established the Agricultural Extension Division and placed its main office on the University campus in Athens. The Agricultural Extension Division cooperates with the counties of the state in the employment of farm and home demonstration agents; it also employs extension specialists in agriculture and home economics to aid the farm and home demonstration agents in the formulation and execution of programs designed to improve farm and home practices and to promote the economic and social welfare of rural people. The Agricultural Extension Division is responsible for agricultural extension, home demonstration, and 4-H Club work.

Those interested in securing information about any phase of agricultural extension work should write to Mr. Walter Brown, Director of the Division of Agricultural Extension, Athens, Georgia.

SHORT COURSES, CONFERENCES, AND INSTITUTES

Each year several of the colleges and schools of the University conduct short courses, conferences, and institutes for the purpose of assisting various groups of citizens to keep informed about the latest thoughts and developments in their respective fields of interest. Some of these meetings are sponsored by business, professional, and social organizations. Members of the University faculty and outside specialists offer instruction in short courses and conduct lectures, demonstrations and conferences. Public announcement is made from time to time regarding special programs of this type that will be held on the University Campus.

Among the conferences sponsored by the School of Education are the Conference of Superintendents and School Administrators and the Rural Life Conference. For several years the Georgia Congress of Parents and Teachers has held a Parent-Teacher Institute at the University in June.

For many years the School of Journalism and the Georgia Press Association have conducted during the month of February a Press Institute for the editors of the papers of the state.

Other short meetings held at the University are the Woman's Club Institute, the Garden Club Institute, and the conference for those engaged in insurance work.

The University is glad to cooperate with any organization or group in planning a conference or institute that will fill a worthwhile need. Communications regarding such matters should be addressed to Dr. E. D. Pusey, Director of Conferences and Institutes, University of Georgia.

THE UNIVERSITY OF GEORGIA PRESS

The University of Georgia Press was established in 1939. One of its purposes is to advance learning and disseminate knowledge by the publication of books that in their content and presentation contribute to a better understanding of human affairs. Another purpose is to encourage creative literary and scientific work by providing facilities for the publication of the results of such work. The University Press is glad to consider for publication not only the work of University professors but the productions of scholars throughout the South. The University Press maintains a printing

department that does some of the printing work of the University. A Board of Directors appointed by the Board of Regents and an Advisory Faculty Committee appointed by the President of the University control the publishing policies and supervise the work of the University Press.

Mimeographing

Another service offered by the Press is mimeographing, available to departments and organizations of the University as well as to the public.

For information regarding the publications or work of the University Press, communications should be addressed to Director of the University of Georgia Press, Athens, Georgia. A list of the publications of the Press will be sent on request.

BUREAU OF PUBLIC ADMINISTRATION

In 1944 there was established in the University of Georgia a Bureau of Public Administration to carry on research in the field of state and local government. The Bureau will function as a part of the state organization, the Agricultural and Industrial Development Board, created by Act of the General Assembly in 1943. The Board, which has its central office at the University of Georgia, is directed "to prepare and perfect plans for an ordered and comprehensive development of the State and its resources." To this end it is conducting a far-reaching research program in each of the following fields: public works, trade, commerce and business, government, health, education, agriculture, and industry. The Director of both the Bureau and the Board is Dr. L. Vaughan Howard.

ATHLETIC ASSOCIATION

The University of Georgia conducts a complete program of intercollegiate athletics. The Institution is a member of the Southeastern Athletic Conference and abides strictly by the regulations and policies of the Conference. Although the University Faculty has general control of internal policies of the University relating to all phases of intercollegiate athletics, the University of Georgia Athletic Association has been created to facilitate the handling of the Business and financial side of the intercollegiate program. The President of the University is ex-officio chairman of the Board of Directors and a majority of the members of the Board are faculty members. The remaining members of the Board are alumni and friends of the University.

The funds of the Athletic Association are subject to the control of the Board of Regents and all its accounts are audited by a representative of the State Auditor's Office.

ALUMNI SOCIETY

The University of Georgia Alumni Society was organized in 1834, and has been continuously active since that time. Its purpose is to keep former students of the University interested in and in touch with one another, and also to encourage former students to manifest a continued interest in the University.

All persons who at any time were students in the University and all faculty members are eligible for membership in the Society. The membership dues are $2.00 per year. Every member of the Society receives a sub-

scription to the Alumni Record, which is issued monthly during the academic year.

The government of the Society is in the hands of a Board of Managers elected by the members of the Society. Officers of the Society are elected annually. The annual meeting of the members of the Society is held on the University campus during the graduation period at the close of the Spring Quarter.

The business offices of the Alumni Society are on the second floor of the Academic Building. The offices are in charge of William M. Crane, Jr., Alumni Secretary.

THE UNIVERSITY FOUNDATION

In 1937 the Alumni Society through its officers sponsored the organization of the University of Georgia Foundation. The Foundation is a corporation under the laws of the State of Georgia and has a self-perpetuating Board of Trustees. The Board consists of seventeen alumni of the University.

The purposes of the University Foundation are to develop the facilities of the University and to strengthen its financial resources by encouraging gifts for the benefit of the University and also to receive, hold, and administer such gifts of money in accordance with the instructions of the donors. The Board of Trustees of the University Foundation is particularly interested in receiving donations and bequests which will enable it to make financial provision for University needs other than those that are adequately met by state appropriations.

The officers of the University of Georgia Foundation at the present time are Dr. Phinizy Calhoun, President; Mr. Hatton Lovejoy, Vice President; Mr. Hughes Spalding, Secretary, and Mr. Cam Dorsey, Treasurer. Information regarding the Foundation may be obtained from Mr. Hughes Spalding, Secretary, Trust Company of Georgia Building, Atlanta, or from the President of the University.

THE M. G. MICHAEL AWARD FOR RESEARCH BY FACULTY MEMBERS OF THE COLLEGE OF ARTS AND SCIENCES

The fund for this purpose was established in 1944 by Leroy and David Michael in honor of their father, a graduate of the Class of 1878.

THE GRADUATE SCHOOL

HISTORICAL

Although the first statutes of the University contemplated resident graduate students,* it was the custom here (as it was elsewhere) to confer the degree of Master of Arts upon any Bachelor of Arts of good character who, three years or more after graduation, should formally apply for the degree and pay a fee therefor†. In 1868 a course of study was laid down which candidates for the master's degree were to pursue. From 1869 until 1890 the regulations required the candidate successfully to complete the most advanced course in each of the academic (non-professional) schools. In 1892 the requirements for the degrees became what they have since substantially remained; slight modifications have been made from time to time.

The degree of Master of Science was first offered in 1890, M.S. in Agriculture in 1910‡, M.S. in Forestry in 1917, M.S. in Commerce in 1923, M.S. in Home Economics in 1924, M. S. in Chemistry in 1932, M.S. in Social Work in 1934, and M.S. in Education and M.S. in Agricultural Engineering in 1937. The Master of Education degree was first offered in 1930 and the Master of Fine Arts in 1939. In 1937 the degrees of Doctor of Philosophy and Doctor of Education were authorized by the Board of Regents.

Prior to 1910 the graduate work of the University was supervised by the Faculty, chiefly through its Committee on Graduate Courses. In 1910 the Board of Trustees set the work apart by the creation of the Graduate School and the election of Professor Willis H. Bocock as its first Dean.

ADMISSION

Graduates of institutions accredited by the Association of American Universities or other recognized accrediting agency may be admitted to the Graduate School upon the presentation of a certificate of graduation and an official transcript of all courses taken. Graduates from non-accredited institutions may be admitted to the University as unclassified post-graduates and may later be admitted to full graduate standing on a basis of examinations or additional course work designed to indicate their degree of fitness for regular graduate study.

The University reserves the right to require, in addition to the qualifications for admission already stated, any tests or special work deemed advisable by the faculty in the interest of quality of work in the Graduate School.

All graduates of standard colleges must be registered in the Graduate School, regardless of what courses they are taking, provided they are not candidates for another bachelor's degree.

Admission to the Graduate School does not imply admission to candidacy

*Masters and Bachelors of Arts, who shall signify to the President their purpose of residing at the College or in Athens with a view of pursuing literature, under his direction, and under the government of the College, and give sufficient bond to the Board of Trustees for the payment of their quarter bills shall be considered as resident Graduates and students of the College. Laws of the College of Georgia, 1803, Chap. II, Sec. IV. So also Code of Laws for the government of Franklin College, 1816, Chap. II, Sec. XVI.

†Code of 1803, Chap. XII, Secs. II and IV. Code of 1816, Chap. II, Sec. XVI and Chap. VII, Secs. II and IV.

‡The degree of Master of Agriculture had been offered from 1876 to 1879.

**Catalogue, University of Georgia, 1901.

for a degree. The student will be admitted to candidacy upon, 1) approval by the Graduate Faculty of the student's general undergraduate training as shown by an official transcript, 2) certification by the student's major department that all prerequisites for majors and minors have been completed, all requisite preliminary examinations have been passed, foreign language requirements have been met, and the student has demonstrated satisfactorily that he has the ability to do work of graduate character, and 3) the presentation of an outline of his program of study which has been approved by professors in charge of his majors and minors and the Dean of the Graduate School.

Before a prospective graduate student comes to the University he should have his undergraduate college file with the Registrar of the University a certificate of his graduation and an official transcript of all courses taken by him. This furnishes necessary information to the Dean and major professor and *must be in their hands before registration of the student can be completed.*

DOCTOR OF PHILOSOPHY*

The University has established this degree for two main purposes:

1. To train students for research and for other scholarly activity.
2. To train teachers and administrators for high schools and colleges.

ADMISSION. Students will be permitted to register for advanced graduate courses provided the Graduate Faculty is satisfied that:

1. The applicant is a person of proper attainments and promise.
2. The courses and the proposed program can be adequately given.

Courses taken will not be actually credited toward the Doctor of Philosophy degree until the applicant has been formally admitted to candidacy. No member of the Faculty above the rank of instructor may become a candidate for a doctor's degree at the University.

ADMISSION TO CANDIDACY. In order to be admitted to candidacy for the Doctor of Philosophy degree, the student must present, on a form to be had from the Dean of the Graduate School, a formal application. This application must be filed not later than one academic year before the proposed time of graduation. All course work must be completed within a period of six (6) years.

RESIDENCE. The program for the Doctor of Philosophy degree will require not less than three years for its completion. If the student holds an assistantship or has other duties the time necessary for the completion of the program for the degree may be increased.

This degree can not be secured by summer work alone. At least three consecutive quarters of full-time study must be spent in residence in Athens during the last two-thirds of the program.

MAJORS AND MINORS. The program of the candidate should be submitted during the first year of work and must include a major and one or two minors, and an approved subject for dissertation. This program will require for its satisfactory completion at least three years of full-time study and must have the formal approval of the Graduate Faculty.

*On account of conditions imposed by the present emergency no student will be admitted to candidacy for the degree of Doctor of Philosophy or Doctor of Education until the existing difficulties have been removed.

For the present the library and laboratory equipment of the University justify the offering of majors only in Biological Sciences, Chemistry, Education, and in History and English (a combination dealing with the life of Georgia and the Southeast). The student should consult with the department head before the selection of a major.

Preliminary Examination. An applicant for this degree must pass a satisfactory preliminary examination before *admission to candidacy.*

Final Examination. When the professors in charge of a candidate's program and dissertation report that the dissertion has been accepted and that all other requirements of his program have been successfully completed, the candidate will be given an oral examination upon the dissertation and the general field of the major and minor subjcets.

Foreign Languages. A reading knowledge of French and German will be required of every candidate for the Doctor of Philosophy degree. This requirement must be satisfied before the student is admitted to formal candidacy for the degree.

Dissertation. Each candidate for the doctorate must present a dissertation, or thesis, on some subject connected with his major field of study. It must give evidence of original research, independent thinking, scholarly ability, and technical mastery of some field. Its conclusions must be logical, its literary form must be good, and its contribution to knowledge should merit publication. In general, the dissertation will require the equivalent of at least one year in its preparation.

At least four weeks before the time of the student's graduation, three typewritten copies of the dissertation, together with an abstract not exceeding 1,500 words, must be filed with the Dean of the Graduate School for the use of the examining committee. When the dissertation has been finally approved, three bound typewritten copies must be handed to the Dean of the Graduate School, two for the Library and one for the Department. Each copy must have a certificate of approval signed by the major professor, the examining committee, and the Dean.

One hundred and fifty printed copies of the dissertation, or approved portions thereof, must be presented to the University. In case it is not practical to print before graduation, the candidate must deposit fifty dollars with the Treasurer of the University to insure publication. This amount will be refunded in case the dissertation is published within three years after graduation.

Advisory Committee. When a student signifies his desire to work toward the Doctor of Philosophy degree, the Dean of the Graduate School will appoint a committee of three to act as his advisers for the period of his study, in outlining his program, in choosing a subject for his dissertation and in all other matters connected with his studies. The chairman of this committee will be his major professor.

DOCTOR OF EDUCATION

Purpose. Graduate work in the College of Education takes its ultimate purpose from the continuous need for leadership in the administration and supervision of educational institutions; and also from the continuing need for teachers, who have broad scholarship, intimate knowledge of learning processes, and a definite understanding and appreciation of the needs of our social-economic-political life which may be supplied in part at least by the school. The degree of Doctor of Education is intended to provide school administrators and teachers a training of broader education and bet-

ter balance than hitherto available at The University of Georgia. The primary aim is to train "master administrators" and "master teachers."

REQUIREMENTS. In general, the requirements for the Doctor of Education degree are the same as for the degree of Doctor of Philosophy. In exceptional cases, however, the Graduate Faculty may permit a candidate to satisfy the modern language requirement by presenting evidence of knowledge and skill in research techniques applicable to education. The Graduate Council may also modify the residence requirement in individual cases so that only two consecutive quarters in residence will be required provided that approved field work for the third quarter be accepted in lieu of a regular quarter in residence.

Each candidate for the degree of Doctor of Education is required to prepare a dissertation. The dissertation has its major emphasis upon the intelligent application of research techniques in the solution of a problem connected with educational practice and is the most important single requirement for the degree of Doctor of Education. It is intended to prove the candidate's ability to conduct an independent investigation from the sources in which he makes a contribution to knowledge in his special field, or in which he handles effectively the knowledge already available and produces a conclusive result of importance and value. The subject chosen must be definite and of limited range, the method of investigation must be exactly formulated, the value of the sources employed must be determined, and the conclusions must be supported.

Candidates for the degree must have the personal quality necessary for success in their profession, must have a broad background of training, and must have had at least two years of successful experience in the profession. A candidate who is securing training for administration should include a Social Science minor, while one who is training for teaching should have a minor in the major field of teaching for which he is preparing.

In its program for the degree of Doctor of Education the College seeks to accomplish results of lasting value. It will admit to candidacy for this degree only students who give promise of the power to do original and creative work on educational problems of more than minor or temporary significance. The College does not encourage all students to seek the Doctor's degree. To students who have given evidence of doctorate ability, the College offers much freedom and many special facilities for investigation.

MASTER'S DEGREES

The master's degrees conferred by the University are Master of Arts, Master of Science, Master of Science in Agriculture, Master of Science in Agricultural Engineering, Master of Science in Chemistry, Master of Science in Education, Master of Science in Forestry, Master of Science in Home Economics, Master of Business Administration, Master of Education, and Master of Fine Arts.

MASTER OF ARTS. Prerequisite degree: Bachelor of Arts or Bachelor of Science. The major course and at least one minor must be selected from the following departments of study: Philosophy, History, Political Science, Economics, Rhetoric, English Literature, the English Language, German, Latin, Greek, Romance Languages, Mathematics, Sociology and Journalism.

NOTE: In individual cases a professional degree may satisfy the prerequisite degree for a Master of Arts or a Master of Science degree provided the student's undergraduate program has met certain requirements for liberal as well as technical courses, the minimum requirements being an equivalent of three courses in French or German and at least five courses in the fields, Language and Literature, History and Political Science.

MASTER OF SCIENCE. Prerequisite degree: Bachelor of Science or Bachelor of Arts. The major courses and at least one minor must be selected from the following departments of study: Mathematics, Chemistry, Physics, Astronomy, Physiology, Zoology, Botany, Psychology, and Bacteriology.

MASTER OF SCIENCE IN AGRICULTURE. A reputable baccalaureate degree is prerequisite. The major and at least one minor must be selected from courses offered in the College of Agriculture. One minor may be chosen from graduate courses offered in other departments of the University. The choice of courses is subject to the approval of the professor in charge of the department in which the major course is selected.

MASTER OF SCIENCE IN AGRICULTURAL ENGINEERING. Prerequisite: Bachelor of Science in Agricultural Engineering. The major study must be in the Department of Agricultural Engineering. Minors are to be selected with distinct reference to the major, and the choice of all courses is subject to the approval of the head of the Department of Agricultural Engineering.

MASTER OF SCIENCE IN CHEMISTRY. Prerequisite degree: Bachelor of Science in Chemistry or its approximate equivalent. For students who are assistants this degree requires a minimum of two years of graduate work, the second year being devoted primarily to research. Preliminary examinations must be taken prior to the second quarter preceding graduation. A reading knowledge of both French and German must be shown. The preliminary examinations are given in four parts and require a general knowledge of the divisions of inorganic, organic, analytical, and physical chemistry. A written examination on each of the above-named divisions of Chemistry is required and the four together will constitute the candidate's final written examination. The department may require an oral examination of a candidate on any or all of these divisions, such an oral examination to be given the same day as the written examination. Any candidate who fails to pass two of the written examinations or who fails to pass any re-examination will be requested to withdraw as a candidate for this degree. A thesis on the research pursued will be required for graduation. The final oral examination will be a defense of the thesis. The degree, Master of Science in Chemistry, is for those who intend to follow chemistry as a profession, and especially for those who expect to continue their studies toward the doctorate. (Master of Science with a major in Chemistry is not to be confused with the professional degree Master of Science in Chemistry. The minimum prerequisite for the general M.S. degree, with a major in Chemistry, is the satisfactory completion of two senior division courses in Chemistry with laboratory work in each. The general requirements for this degree are outlined elsewhere in this bulletin.)

MASTER OF SCIENCE IN EDUCATION. The minimum requirement for the degree of Master of Science in Education is a major of four courses and two minors of two courses each. A thesis which requires the gathering and treatment of data by approved research methods is required of all graduate students in candidacy for advanced degrees with a major in education. While residence for a specified time is in no case regarded as sufficient ground for conferring an advanced degree, the degree of Master of Science in Education contemplates a residence of at least one academic year.

The degree of Master of Science in Education is set up at The University of Georgia for all graduate students with a major in any phase of education. There is no foreign language requirement for this degree.

MASTER OF SCIENCE IN FORESTRY. Prerequisite degree: Bachelor of Science in Forestry or Forest Engineer. The major course must be in Forestry; one minor may be selected from any department of the College of Agriculture; and one minor from any other department or college of the

University. The choice of courses is subject to the approval of the head of the School of Forestry.

Master of Science in Home Economics. Prerequisite degree: Bachelor of Science in Home Economics. The major study must be in Home Economics and one minor may also be taken from that school. Minors will be selected with distinct reference to the major. The choice of courses is subject to the approval of the head of the School of Home Economics.

Master of Business Administration. Prerequisite degree: Bachelor of Business Administration or its equivalent. The requirements for this degree are the completion of a major of four courses, two minors of two courses each, and a thesis. A major and one minor must be chosen, with the approval of the major professor, from the graduate courses in Business Administration and Economics. One of the minors may be taken in a related field.

Master of Education. The minimum requirement for the degree of Master of Education is a major of eight courses and two minors of four courses each. The degree contemplates a minimum residence of two academic years. A thesis revealing ability to carry on research projects in the interest of greater school efficiency is required of students in candidacy for this degree. If a candidate has written an acceptable thesis for his degree of Master of Arts, or Master of Science in Education, he may be excused from writing a thesis for the degree of Master of Education.

Master of Fine Arts. Prerequisite: Bachelor of Fine Arts degree. At present this degree is confined to majors in Art. Emphasis will be placed on a high degree of technical and artistic accomplishment. The candidate must have a general knowledge of art history and criticism. Upon the recommendations of the staff a creative project of high quality may be accepted in place of a written thesis. The required time for the completion of the program leading to this degree is from four to six quarters.

GENERAL REQUIREMENTS FOR THE MASTER'S DEGREE

1. Program. The requirement for the Master's degree, in general, shall be the satisfactory completion of a program of study consisting of courses with a minimum credit value of 38 hours and the writing of a thesis. These courses are divided into a major and two minors. The major must be taken in one department and shall consist of courses with a total credit value of 18 to 22 hours. Each minor shall consist of courses with a credit value of 9 to 11 hours.

The program of study must not include any course that forms a part of the candidate's program of study, or of his curriculum, for any other degree.

The prospective candidate for a degree must submit a formal program of study which has the approval of his major professor. This program must be approved by the Dean and the Graduate Faculty before the student is admitted to candidacy.

2. Required Standing. In courses for graduate students only (courses numbered 600-899), or in courses where only graduate students are registered, an average grade of B or better is required; and no grade less than C+ will be counted. Courses taken with undergraduates must be passed with a grade of B+ or better.

3. Language Requirements. Candidates are expected to show correctness and good taste in their use of English, both oral and written, and a reading knowledge of French or German is required of a candidate for any graduate degree except Master of Science in Agriculture, in Agricultural Engineering, in Education, in Forestry, in Home Economics, and Master of Education.

4. Thesis. A thesis required in connection with a master's degree must

show independence of judgment in the treatment of some definite problem in the major field. A bibliography must be added covering all literature used and specific acknowledgments made.

Each graduate student will be assigned a major professor under whose direction he will write his thesis. The subject and an outline of his plan of work must be submitted, not later than the beginning of the second quarter of the year of candidacy, for the approval of the Dean of the Graduate School and the Thesis Committee of the Graduate Faculty.

The thesis must be written and approved and in the hands of the Dean of the Graduate School at least *three weeks* before the date of graduation. Two bound copies of the thesis must be deposited with the University Library before the degree is granted. These copies must contain the written approval of the professor under whose direction the thesis was written together with the approval of the referees who examined the thesis.

5. Examinations. In addition to the written examinations in each course, the candidate must pass an oral examination conducted by a committee consisting of the major professor and at least three other members of the Faculty. This examination is open to any member of the Faculty who wishes to attend.

6. Residence. The general residence requirement for the master's degree is one academic year, or three quarters, with a minimum attendance of thirty weeks. The residence requirement may not be decreased by extension work or by work done elsewhere.

7. Time Limit. In evaluating credits for the master's degree, credits dating back six to ten years will be reduced by one-half; and credits dating back more than ten years will be eliminated.

8. Graduate Work Transferred. Credit will be given for graduate work done at a university of good standing when proper credentials are presented. Such credit, however, must not exceed one minor, or ten hours, and will not decrease the residence requirement.

SCHOLARSHIPS, FELLOWSHIPS, AND ASSISTANTSHIPS

Scholarships and Fellowships. To encourage graduates of this University and of other approved institutions to pursue advanced work leading to the higher degrees, the Board of Regents has authorized the University to establish a number of graduate scholarships and fellowships. Graduate scholarships usually have a value equivalent to all fees for one year, and are open to students holding a baccalaureate degree from an approved institution. Fellowships ordinarily have a value of $200 and fees for one year and are open to students who hold a master's degree or its equivalent. Graduate scholars and fellows are selected by the faculty of the Graduate School on a basis of merit, irrespective of the departments in which they wish to major. It must appear, however, that they wish to pursue graduate work which the University is authorized and prepared to give. Holders of fellowships and scholarships will be expected to pay the matriculation fee and such additional fees as are regularly required.

Students who desire to apply for graduate scholarships or fellowships should present their applications to the Dean of the Graduate School not later than the fifteenth day of March preceding the academic year in which they expect to register.

Graduate Assistantships and Teaching Fellowships. As a means of aiding and encouraging students to continue their graduate work and at the same time of providing assistance for faculty members, the Board of Regents has authorized the University to establish graduate assistantships and teaching fellowships in certain departments. At present teaching fellows may be appointed only in the Departments of English, History, and Zoology, and in the School of Education.

In order to be eligible to hold a graduate assistantship, a student must have a baccalaureate degree and must be registered in the Graduate School. A teaching fellow must have a master's degree or its equivalent and must be registered as a student in the Graduate School. Graduate assistants and teaching fellows are expected to give approximately one-third of their time to the performance of such duties as may be assigned to them by their major professor or by the head of the department in which they are specializing. The stipends of graduate assistants are usually $300 and fees for one year. The stipends of teaching fellows are not fixed but depend on the circumstances of individual cases; in most cases they will be in the neighborhood of $350 or $400 and fees for the year. Holders of graduate assistantships and teaching fellows must pay the usual matriculation fees for the graduate work that they take for credit toward degrees. If the duties assigned to a graduate assistant or a teaching fellow require more than one-third of his time, then he will not be permitted to register for a full program and his residence requirement will be correspondingly increased.

Applications for graduate assistantships and teaching fellowships for any academic year should be filed not later than the first day of the preceding March. Such applications should be addressed to the head of the department or school in which applicants wish to do their major work. Application blanks will be furnished on request.

PHELPS-STOKES GRADUATE SCHOLARSHIP. Miss Caroline Phelps-Stokes has given to the University the sum of $12,500 with the stipulation that the income be awarded annually as a graduate scholarship. The holder of this scholarship must pursue studies under the direction of one of the following Departments: Sociology, Economics, Education, or History. He must make a scientific study of the Negro and his adjustment to American civilization. The value of this scholarship at present is $500 a year, out of which the student must pay the usual matriculation fee and such additional fees as are regularly required.

HENRY L. RICHMOND GRADUATE SCHOLARSHIP. Mrs. Henry L. Richmond of Savannah has given the University a fund of $25,000. A portion of the income from this fund is used to provide scholarships in the Department of Chemistry. One or more scholarships of $500 each are available each year.

MARTIN REYNOLDS SMITH FUND. By the gift of $2,000 Mr. J. Warren Smith has established this fund in memory of his son, Martin Reynolds Smith. The interest from the investment is to be used as prizes for excellence in research work in Chemistry.

Application blanks and information on all of these fellowships and scholarships will be furnished on request by the Dean of the Graduate School.

EXPENSES

Residents of Georgia pay a fee of $142.50 per academic year of three quarters, payable $47.50 at the beginning of each quarter. Non-residents pay an additional amount of $132.00, one-third payable at the beginning of each quarter. Room and board will vary from $30.00 to $40.00 per month. Books may be estimated at $20.00 per year. The total estimated expenses will be about $396.00 to $685.00 per year.

For candidates for the master's degree there is a $5.00 diploma fee payable ten days before graduation. Also, those doing only their theses, whether at home or in residence, must pay the regular fee for one five-hour course.

A candidate for the doctor's degree must pay a $10.00 diploma fee at least ten days before graduation. One who has completed his courses and is registered only for the doctor's dissertation must pay a fee of at least $15.00 per quarter, the exact amount of the fee to be fixed by his advisory committee.

THE COLLEGE OF ARTS AND SCIENCES

THE FACULTY

LINVILLE LAURENTINE HENDREN, A.B., M.A., PH.D., *Acting Dean.*

JACK CECIL BAILEY, B.S., *Instructor in Physics.*

WESLEY BAILEY, A.B., M.S., *Instructor in Chemistry.*

DAVID FRANCIS BARROW, A.B., B.S.C.E., M.A., PH.D., *Professor of Mathematics.*

THEODORE TOULON BECK, A.B., M.A., *Instructor in Romance Languages.*

WIGHTMAN SAMUEL BECKWITH, A.B., M.A., *Associate Professor of Mathematics.*

LEONARD L. BENNETT, A.B., M.S., *Instructor in Chemistry.*

GEORGE F. BLAIR, A.B., M.A., *Assistant Professor of Drama.*

WILLIS HENRY BOCOCK, A.B., LITT.B., M.A., LL.D., LITT.D., *Milledge Professor of Ancient Languages and Lecturer on International Relations.*

GEORGE HUGH BOYD, A.B., M.S., SC.D., *Professor of Zoology, Head of the Department of Zoology, Chairman of the Division of Biological Sciences, and Dean of the Graduate School.*

FRANCES H. BRANDON, A.B., M.A., *Instructor in History.*

*CHARLES JOSEPH BROCKMAN, A.B., CH.E., M.A., PH.D., *Professor of Inorganic Chemistry.*

ROBERT PRESTON BROOKS, A.B., PH.D., *Professor of Economics.*

*CALVIN S. BROWN, A.B., B.A. (OXON) M.A., PH.D., *Associate Professor of English.*

SPENCER W. BROWN, A.B., PH.D., *Assistant Professor of Botany.*

*WENDELL H. BROWN, B.S., M.A., *Assistant Professor of English.*

ANNE WALLIS BRUMBY A.B., M.A., *Associate Professor of Romance Languages.*

WALTER CLINTON BURKHART, B.S., D.V.M., *Professor of Bacteriology.*

*ELON E. BYRD, B.S., M.S., PH.D., *Associate Professor of Zoology.*

IRIS CALLAWAY, B.S., M.A., *Associate Professor of Mathematics.*

MARY P. CASE, B.F.A., *Instructor in Art.*

CLAUDE CHANCE, A.B., M.A., *Professor of Romance Languages and Head of the Department of Romance Languages.*

JEAN CHARLOT, *Artist in Residence.*

HOWARD T. COGGIN, A.B., M.S., PH.D., *Associate Professor of Biochemistry.*

SIGMUND COHN, J.D., *Assistant Professor and Special Lecturer in the College of Arts and Sciences and the School of Law.*

*ELLIS MERTON COULTER, A.B., M.A., PH.D., *Professor of History* and *Head of the Department of History.*

*GEOFFREY W. CRICKMAY, A.B., PH.D., *Associate Professor of Geology.*

*EDWARD C. CROUSE, A.B., M.A., *Associate Professor of Drama and Head of the Department of Drama.*

FORREST CUMMING, A.B., M.A., *Professor of Mathematics.*

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* On leave.

ARTHUR S. CURTIS, A.B., M.A., *Instructor in History.*

WILLIAM WALLACE DAVIDSON, A.B., M.A., *Assistant Professor of English.*

ELLIS HOWARD DIXON, A.B., M.S., PH.D., *Professor of Physics and Astronomy* and *Head of the Department of Physics and Astronomy.*

LAMAR DODD, *Professor of Art* and *Head of the Department of Art.*

MARION DERRELLE DUBOSE, A.B., M.A., *Professor of German and Acting Head of the German Department.*

MARIE DUMAS, A.B., M.A., *Assistant Professor of English.*

*WILBUR H. DUNCAN, A.B., M.A., PH.D., *Assistant Professor of Botany.*

MILES DORSEY DUNLAP, B.S., M.A., *Assistant Professor of Geography* (AS-TP).

AUSTIN SOUTHWICK EDWARDS, B.S., M.A., PH.D., *Professor of Psychology* and *Head of the Department of Psychology.*

*JOHN OLIN EIDSON, A.B., M.A., PH.D., *Assistant Professor of English.*

EDWIN MALLARD EVERETT, A.B., M.A., PH.D., *Professor of English.*

J. E. FLEMING, A.B., M.A., *Assistant Professor of Sociology.*

LESSIE T. FLEMING, A.B., M.A., *Acting Assistant Professor of Sociology.*

*REUBEN GAMBRELL, A.B., M.F.A., *Instructor in Art.*

EDWARD CLAYBROOK GRIFFITH, A.B., M.A., PH.D., *Associate Professor of Economics.*

MARION HALL, B.S., M.A., *Assistant Professor of Romance Languages.*

MARGUERITE Z. HEDBERG, B.S.ED., M.A., PH.D., *Assistant Professor of Mathematics.*

LINVILLE LAURENTINE HENDREN, A.B., M.A., PH.D., *Professor of Physics* and *Astronomy, Dean of Faculties* and *Acting Dean of the College of Arts and Sciences.*

HUGH FORT HENRY, A.B., B.S., M.S., PH.D., *Assistant Professor of Physics.*

ROBERT GILBERT HENRY, A.B., M.S., *Associate Professor of Physics and Astronomy.*

POPE RUSSELL HILL, B.S.A., M.S., *Associate Professor of Mathematics.*

HUGH HODGSON, B.S., *Professor of Music, Head of the Department of Music,* and *Chairman of the Division of Fine Arts.*

ROBERTA HODGSON, A.B., M.A., *Instructor Emeritus in History and Political Science.*

ANNIE MAY HOLLIDAY, B.S., *Associate Professor of Art.*

WILLIAM DAVIS HOOPER, A.B., M.A., LITT.D., *Professor of Latin.*

L. VAUGHAN HOWARD, A.B., M.A., PH.D., *Professor of Political Science, Acting Head of the Department of Political Science and Director of the Bureau of Public Administration.*

MELVIN CLYDE HUGHES, A.B., M.A., PH.D., *Assistant Professor of Political Science.*

GEORGE ALEXANDER HUTCHINSON, A.B., M.A., PH.D., *Professor of Sociology.*

JOHN WILKINSON JENKINS, A.B., M.A., *Professor of Economics.*

LUCILE KIMBLE, A.B., *Assistant Professor of Music.*

*LUDWIG ROLAND KUHN, B.S., PH.D., *Assistant Professor of Bacteriology.*

*ALAN KUZMICKI, B.F.A., *Instructor in Art.*

* On leave.

MILDRED LEDFORD, B.S.E., M.A., *Associate Professor of Art.*

EDWARD C. LONG, JR., B.S., *Instructor in Physics.*

*HORACE O. LUND, A.B., M.S., PH.D., *Assistant Professor of Entomology.*

E. P. MALLARY, B.L., LL.B., M.A., *Assistant Professor of Philosophy and Acting Head of the Department.*

SIDNEY WALTER MARTIN, A.B., M.A., PH.D., *Assistant Professor of History and Acting Head of the History Department.*

*EARL MCCUTCHEN, B.F.A., *Instructor in Art.*

*MICHAEL ANGELO MCDOWELL, JR., PH.B., *Assistant Professor of Music.*

JOHN HANSON THOMAS MCPHERSON, A.B., PH.D., *Professor of History and Political Science.*

ELLEN RHODES MCWHORTER, A.B., M.A., *Associate Professor of English.*

ROBERT LIGON MCWHORTER, A.B., M.A., *Professor of Latin* and *Head of the Department of Classics.*

JOHN CASSIUS MEADOWS, A.B., M.A., PH.D., *Professor of Sociology.*

JOHN MORRIS, A.B., M.A., B.L., *Professor of German.*

JOHN WILLIAM NUTTYCOMBE, B.S. CHEM., PH.D., *Professor of Zoology.*

EUGENE P. ODUM, A.B., M.A., PH.D., *Assistant Professor of Zoology.*

HUBERT BOND OWENS, B.S.A., M.A., *Professor of Landscape Architecture* and *Head of the Department of Landscape Architecture.*

*EDD WINFIELD PARKS, A.B., A.M., PH.D., *Associate Professor of English.*

**WILLIAM OSCAR PAYNE, A.B., M.A., *Professor of History, Acting Head of the History Department.*

EUGENE PAYOR, *Assistant Professor of Art.*

*MERRITT BLOODWORTH POUND, A.B., M.A., PH.D., *Professor of Political Science* and *Head of the Department of Political Science.*

RICHARD HOLMES POWELL, A.B., M.A., LL.D., *Professor of English.*

ALBERT BERRY SAYE, A.B., M.A., PH.D., *Assistant Professor of Political Science.*

*CHARLES FRANKLIN SCHEIDER, B.S.C., M.S.C., *Instructor in Economics.*

ALFRED WITHERSPOON SCOTT, B.S., PH.D., *Terrell Professor of Chemistry. Head of the Department of Chemistry, Chairman of the Division of Physical Sciences,* and *Faculty Chairman of Athletics.*

*ROBERT TAYLOR SEGREST, B.S.C., MS.C., *Associate Professor of Economics.*

EDWARD S. SELL, B.S.A., MS.A., *Professor of Geography and Head of the Department of Geography.*

JENNIE BELLE SMITH, B.M., *Associate Professor of Music.*

CHARLES R. SPELL, A.B., *Instructor in Chemistry.*

*ROBERT GRIER STEPHENS, JR., A.B., M.A., LL.B., *Instructor in History.*

ROSWELL POWELL STEPHENS, A.B., PH.D., *Professor of Mathematics, Acting Head of the Department of Mathematics.*

CHARLES MORTON STRAHAN, C. AND M.E., SC.D., *Professor of Mathematics* and *Professor Emeritus of Civil Engineering.*

MARY STRAHAN, A.B., M.A., *Assistant Professor of Romance Languages.*

* On leave.
**Deceased.

ROBERT MANNING STROZIER, PH.B., M.A., *Associate Professor of Romance Languages, Associate Dean of Students* and *Director of War Service Program.*

WILLIAM TATE, A.B., M.A., *Associate Professor of English, Dean of Students* and *Director of Student Housing.*

*CARL PRESTON TEBEAU, A.B., M.S., PH.D., *Assistant Professor of Chemistry.*

ANDREW EZELL TERRY, PH.B., M.A., PH.D., *Assistant Professor of German* and *Head of the Department of German, on leave to Romance Language Department.*

JAMES RALPH THAXTON, A.B., M.A., PH.D., *Professor of History and Director of Admissions.*

*JOHN LAURENS TISON, JR., A.B., M.A., *Instructor in English.*

*CAROLYN VANCE, A.B., M.A., *Assistant Professor of English.*

JOHN DONALD WADE, A.B., M.A., PH.D., *Professor of English, Head of the Department of English* and *Chairman of the Division of Language and Literature.*

ROOSEVELT PRUYN WALKER, A.B., M.A., *Professor of English.*

*CHARLES A. WALL, JR., PH.B., M.A., *Instructor in English.*

BYRON WARNER, B.S., *Assistant Professor of Music.*

*ROBERT HUNTER WEST, A.B., M.A., PH.D., *Assistant Professor of English.*

*THOMAS HILLYER WHITEHEAD, B.S., M.A., PH.D., *Professor of Analytical Chemistry.*

LOUISE F. WIER, A.B., *Instructor in Landscape Architecture.*

*CECIL NORTON WILDER, B.S.A., M.S.A., *Associate Professor of Agricultural Chemistry.*

BARNETTE OSBORNE WILLIAMS, B.S., M.A., PH.D., *Professor of Sociology* and *Head of the Department of Sociology.*

*CHARLES C. WILSON, B.S., M.A., *Instructor in Botany.*

*BENJAMIN M. WOODBRIDGE, JR., A.B., M.A., *Instructor in Romance Languages.*

*CLAIR L. WORLEY, B.S., M.S., PH.D., *Assistant Professor of Botany.*

FLORENE YOUNG, A.B., M.S., PH.D. ,*Assistant Professor of Psychology.*

MAY ZEIGLER, A.B., M.A., *Associate Professor of Psychology.*

HARMON W. CALDWELL, A.B., LL.B., LL.D., *President of the University* and *Ex-officio Member of the Faculty.*

L. L. HENDREN, A.B., M.A., PH.D., *Dean of Faculties* and *Ex-officio Member of the Faculty.*

WILLIAM TATE, A.B., M.A., *Dean of Students.*

T. W. REED, M.A., LL.B., *Registrar.*

J. RALPH THAXTON, A.B., M.A., PH.D., *Director of Admissions.*

J. D. BOLTON, C.P.A., *Comptroller and Treasurer.*

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* On leave.

GENERAL INFORMATION

The College of Arts and Sciences is housed in a number of the old vine-covered buildings and many spacious, modern ones, all of Colonial design. The buildings are grouped about a long rectangular college green which is well shaded by stately, evergreen magnolias and giant oaks, with borders of boxwood, crepe myrtle, and other rare shrubs indigenous to the South. The old Franklin College grounds, replete with historic interest to the State and Nation, are referred to in the Catalogue as the North Campus.

The object of the College of Arts and Sciences is to offer to its student a liberal education. It strives to develop within the individual a resourcefulness which will enable him to adapt himself to changing conditions and circumstances and to grapple intelligently with the problems which an unknowable future is certain to bring. It also attempts to give the student an opportunity to concentrate in certain fields of study which may be helpful in laying a foundation for various professional pursuits.

The curriculum of the College of Arts and Sciences for the Freshman and Sophomore years, except for a few elective courses, is fairly uniform and required of all students. In the junior and senior years concentration in one or more of several fields of study is required. These fields of concentration are as follows:

DIVISION OF LANGUAGE AND LITERATURE, which includes the departments of Classics (Greek and Latin), English, German, and Romance Languages.

DIVISION OF SOCIAL SCIENCES, which includes the departments of Economics, Geography, History, Political Science, Philosophy, and Sociology.

DIVISION OF PHYSICAL SCIENCES, which includes the departments of Chemistry, Mathematics, Geology, and Physics and Astronomy.

DIVISION OF BIOLOGICAL SCIENCES, which includes the departments of Bacteriology, Botany, Psychology, and Zoology.

DIVISION OF FINE ARTS, which includes the departments of Art, Music, Drama, and Landscape Architecture.

The degrees offered in the College are:

BACHELOR OF ARTS, for which the major division must be Languages and Literature, Social Sciences, Biological Sciences, or Physical Sciences.

BACHELOR OF SCIENCE, for which the major division must be Physical Sciences or Biological Sciences.

BACHELOR OF SCIENCE IN CHEMISTRY, for which the major subject must be Chemistry.

BACHELOR OF FINE ARTS, for which the major division must be Fine Arts.

SELECTING MAJOR

On or before registering for the Junior year the student must select the degree for which he is a candidate, the division in which he will take his major work and the subject in this division in which he expects to major. The professor in charge of the student's major subject is known as the student's major professor and adviser, and all courses constituting the student's major division program (both required and elective courses) must be approved by this adviser. When approved by the Dean of the College of Arts and Sciences this program becomes a requirement for the degree. All approvals to be official must be in writing and filed in the Registrar's records.

ELECTIVE COURSES

In all degrees in the College of Arts and Sciences all courses in the University carrying credit of three or more quarter hours are open as electives to the extent allowed by the degree requirements when approved by the student's major professor and the dean. However, not more than fifteen hours' credit will be allowed for professional courses in the professional schools. In Education, however, a maximum of thirty hours will be allowed for those students desiring to meet the requirements set by the State of Georgia for a teacher's license. These Education courses must be logically related, and the student's choice of courses must be approved by the Dean of the College of Education.

COURSES OPEN TO STUDENTS OF VARIOUS CLASSES

(See page 32)

TRANSFER STUDENTS

Students transferring from standard colleges and universities with Junior classification will not be required to take the survey courses offered in the Freshman and Sophomore years, provided that their transcript records show that they have completed an equivalent number of hours in the Division covered by the survey courses.

Students transferring from any of the junior colleges or other units of the University System to the College of Arts and Sciences are given full credit for all regular curriculum work completed with satisfactory grades. Any uncompleted required courses in the Freshman and Sophomore years must be taken.

The total requirement for the foreign language group for the A.B. degree is reduced from 40 hours (combined in high school and college) to 30 hours for students who transfer as juniors with less than 10 hours in foreign language (in high school or college) to their credit.

The total mathematics-science requirement for the A.B. degree may be met by five hours in mathematics and 20 hours in science courses, all of which carry individual laboratory work.

The total social science requirements for A.B. and the B.S. degrees may be met by 20 hours in social science courses for students transferring as Juniors with credit for no more than five hours in social science courses.

THE M. G. MICHAEL AWARD FOR RESEARCH BY FACULTY MEMBERS OF THE COLLEGE OF ARTS AND SCIENCES

This fund for this purpose was established in 1944 by Leroy and David Michael in honor of their father, a graduate of the Class of 1878.

BACHELOR OF ARTS DEGREE

The course of study leading to this degree is for the most part in the Language and Literature, Social Science and Natural Science Divisons, with some special emphasis on the Language and Literature requirements. The aim and purpose of the curriculum under the Bachelor of Arts Degree are to aid in developing an appreciation for cultural pursuits and to prepare the student for graduate study for advanced degrees as well as for matriculation in professional schools, such as Law, Medicine, Business Administration, Journalism, etc.

REQUIRED COURSES IN FRESHMAN AND SOPHOMORE YEARS

Freshman	Hours
*Social Science 1 a-b-c or *English History 124, 125, 126 or *American History 151, 152, 153	9
**Physical Science 1-2 or Human Biology 1-2	10
English Composition 2 a-b-c	9
**Mathematics 20	5
Foreign Language	10
Military Science (men) or Health Education (women)	5
Elective	5
	53

Sophomore	Hours
Social Science 4	5
Human Biology 1-2 or **Physical Science 1-2	10
Humanities 1 a-b-c	9
Electives (14 or 15 selected from the College of Arts and Sciences.)	24
Military Science (men) or Health Education (women)	5
	53

REQUIREMENTS IN JUNIOR AND SENIOR YEARS

(1) Major Concentration Requirement: A minimum number of 40 hours credit in courses bearing numbers 200 and above must be taken in the field of concentration or Division in which the student has chosen his major subject. At least 20 of these 40 hours must be in the major subject. Students who have elected during their Freshman and Sophomore years courses in their major field of concentration may count one-half the number of hours in such electives toward their major requirements. In no case, however, may the student do less than 15 hours in his major subject after he attains Junior classification. No course with a grade of D or D+ can be used

*These alternatives are offered primarily for students who have selected history as a field of concentration or who wish to enter a professional school in which it would be advisable to have a background of history.

**During the war emergency men students subject to military service will substitute Mathematics 4 (Algebra) and Mathematics 30 (Plane Trigonometry) and either Physics 20 or Chemistry 21 for the Mathematics 20, Physical Science 1-2 requirement. Physics 20 is required of those not presenting high school physics, and Chemistry 21 is required of those presenting high school physics and no high school chemistry. These options are also allowed by special permission of the dean to women students contemplating war service.

1944-45

to satisfy any part of the minimum requirement in a student's major.

By special action of the dean and the major professor a combined divisional major may be offered, part from the Biological Science division and part from the Physical Science division, or one may be authorized part from the Social Science division and part from the Language-Literature division.

(2) TOTAL FOREIGN LANGUAGE REQUIREMENTS FOR THE A.B. DEGREE: Courses of credit value of at least forty hours (combined in high school and college) from French, German, Greek, Italian, Latin, Portuguese, Spanish, with at least 20 hours in college. Each high school unit reduces the total in college by 5 hours. See foot note No. 4 under Admission Requirements page 24. The total must include the following two groups; (1) French, German, Spanish, Italian or Portuguese—one language through course number 103, with at least ten hours in college. (2) (a) Latin or Greek—one language through course number 103, with at least ten hours in college,

or

(b) Studies in Classical Culture to the extent of nine hours,

or

(c) Greek 356-357, Greek Literature in Translation and Classical Culture 358, Latin Literature in Translation. Fifteen hours.

(3) MATHEMATICS-SCIENCE REQUIREMENTS: In addition to the requirements in mathematics and science listed in the Freshman and Sophomore years, science courses requiring laboratory of credit value of ten hours or science courses requiring laboratory of credit value of five hours and five hours of mathematics.

(4) SOCIAL SCIENCE DIVISION REQUIREMENTS: In addition to the Freshman and Sophomore requirements, courses from the Social Science Division requiring ten credit hours.

(5) Beginning with the class of 1944 English 326 and History 458 are required.

(6) ELECTIVES: A sufficient number of electives to bring the total number of credit hours to not less than 186, exclusive of the required courses Military Science 1-2 or Health Education 1-2.

NOTE: In case a student elects to take a three-course sequence in Greek, his total requirements for the degree are reduced from 186 to 181 hours.

CURRICULUM IN ARTS AND LAW

(A Six-Year Combined Curriculum)

The curriculum outlined here is provided for students who wish to combine the Arts and Law courses and secure the degree of Bachelor of Arts and the degree of Bachelor of Laws in less than the regular prescribed time of seven years. To have the benefit of the combined course, students must meet all the requirements, prescribed and elective, for both degrees. The student will be granted the degree of Bachelor of Arts at the end of the fourth year, or as soon as he has completed the work specified and the proper number of elective courses from the Law School curriculum. The degree of Bachelor of Laws will be conferred upon the completion of the work of the Law School. The following is the combined curriculum in Arts and Law:

FRESHMAN-SOPHOMORE REQUIREMENTS

The completion of the Junior Division program of studies as prescribed for candidates for the Bachelor of Arts degree.

JUNIOR-SENIOR REQUIREMENTS

In the College of Arts and Sciences a sufficient number of Junior-Senior courses must be completed to satisfy all the specific requirements for the degree of Bachelor of Arts with sufficient elective courses from arts and science courses to bring the total to a minimum of 141 credit hours exclusive of Military Science 1-2 or Health Education 1-2. However, in case the major concentration work is in the Social Science Division a minimum of Junior-Senior courses in the major division of credit value of 30 hours with 15 hours in the major subject will meet the requirement. Three quarters of residence work devoted exclusively to arts and science courses will be required after admission to the Junior Class. None of these 45 required Junior-Senior hours can be taken other than in residence at Athens, and none can be taken while a student is pursuing his studies in the Law School.

In the Law School a sufficient number of courses taken as elective to bring the total credit for the degree to 186 hours exclusive of Military Science 1-2 or Health Education 1-2.

BACHELOR OF SCIENCE DEGREE

The program of studies and objectives of the Bachelor of Science degree is very similar to that of the Bachelor of Arts degree, with less emphasis on the Foreign Languages and more on Mathematics and Natural Science. The major division must be Physical Science or Biological Science.

REQUIRED COURSES IN FRESHMAN AND SOPHOMORE YEARS

Freshman	Hours
*Social Science 1 a-b-c or *English History 124, 125, 126 or *American History 151, 152, 153	9
**Physical Science 1-2 or Human Biology 1-2	10
English Composition 2 a-b-c	9
**Mathematics 20	5
French or German	10
Military Science (men) or Health Education (women)	5
Elective	5
	53

Sophomore	Hours
Social Science 4	5
Human Biology 1-2 or **Physical Science 1-2	10
Humanities 1 a-b-c	9
Electives (10 hours should be selected from Physical Science or Biological Science Division.)	24
Military Science (men) or Health Education (women)	5
	53

REQUIREMENTS IN JUNIOR AND SENIOR YEARS

(1) Major Concentration Requirements: (As previously outlined under the A.B. degree requirements, paragraph one.)

(2) Total Foreign Language Requirements for the B.S. Degree: Courses of credit value of 25 hours (combined in high school and college) from French or German, Greek, Latin, Spanish are required. Each high school unit reduces the total by 5. (See footnote No. 4 under Admission Requirements, page 24) Ten hours in college courses

* See note on A.B. Degree.
** See footnote on page 75.

must be taken and one language must be taken through course number 103.

While Spanish may be used to satisfy the modern-language requirement, French or German is recommended for all students except those who have definite reasons for thinking they will need Spanish. French or German should be taken by all students contemplating graduate work in any field or those who are contemplating professional work in science, including medicine.

(3) **MATHEMATICS-SCIENCE REQUIREMENT: The total must include Mathematics 20 and Mathematics 21, or its equivalent, and ten hours from Zoology or Botany in addition to Human Biology 1-2, and ten hours from Chemistry, Geology or Physics in addition to Physical Science 1-2.

(4) SOCIAL SCIENCE DIVISION REQUIREMENTS: In addition to the Freshman and Sophomore requirements, courses from the Social Science Division to the extent of ten hours.

(5) ELECTIVES: A sufficient number to bring the total hours to not less than 186, exclusive of the required courses in Military Science 1-2 or Health Education 1-2.

CURRICULUM IN SCIENCE AND LAW
(Six-Year Combined Curriculum)

The requirements for the curriculum are the same as previously described for the combined degree in Arts and Law with the difference that all the specified requirements for the Bachelor of Science degree must be completed.

BACHELOR OF SCIENCE IN CHEMISTRY

The curriculum for this degree offers training in the field of chemistry and its allied sciences for students who desire to enter commercial or government laboratories, to enter the teaching profession, to become associated with chemical industries in a non-technical position, or to pursue graduate work in chemistry in order to enter some field of research or college teaching.

REQUIRED COURSES IN FRESHMAN AND SOPHOMORE YEARS

FRESHMAN	Hours
*Social Science 1 a-b-c	
or	
*English History 124, 125, 126	
or	
*American History 151, 152, 153	9
English Composition 2 a-b-c	9
Chemistry 21-22-23	15
French 101-102-103	15
Military Science (men)	
or	
Health Education (women)	5
	53

SOPHOMORE	Hours
Physics 20	5
Social Science 4	5
German 101-102-103	15
Chemistry 340 a-b, 380	15
Mathematics	5
Military Science (men)	
or	
Health Education (women)	5
	50

An average of B or better is required on all Freshman and Sophomore work in order to continue in the Junior year for this degree.

* See note on A.B. Degree.
** See footnote on page 75.

REQUIREMENTS IN JUNIOR AND SENIOR YEARS

(1) Social Science Division Requirement: Five hours.
(2) Mathematics Requirement: Through Mathematics 355.
(3) English: Ten hours of Literature.
(4) Physics: Ten hours.
(5) Chemistry: 440; two of 441, 480 or 481; 445h, 490a, 490b, 495h; two of 420, 421, 422; and one other.
(6) Comprehensive Examination: The passing of a comprehensive examination (embracing the principal divisions of chemistry), this examination to be taken toward the end of the Senior year.
(7) Electives: A sufficient number of hours to make a total of not less than 186, exclusive of the required courses in Military Science 1-2 or Health Education 1-2.

CURRICULUM IN SCIENCE AND MEDICINE

This curriculum enables a student to complete the work required for the degree of Bachelor of Science and the degree of Doctor of Medicine in seven years. On the completion of three years' work outlined below and the work required in the first year of the Medical School at Augusta, the student will receive the degree of Bachelor of Science. The degree of Doctor of Medicine will be conferred upon the completion of the work of the Medical School.

PRE-MEDICAL PROGRAM

Freshman

	Hours
English Composition 2 a-b-c	9
*Social Science 1 a-b c or *English History 124, 125, 126 or *American History 151, 152, 153	9
Mathematics 20, 4 or 30	5
Human Biology 1-2	10
Chemistry 21-22-23	15
Military Science (men) or Health Education (women)	5
	53

Sophomore

	Hours
Zoology 25-26	10
Chemistry 340 a-b	10
Physics 20	5
Mathematics 21 or 356	5
Social Science 4	5
French or German	10
Military Science (men) or Health Education (women)	5
	50

Junior

	Hours
Humanities 1 a-b-c	9
Physics 28-329	10
Senior division courses from Chemistry, Physics or Biological Science to complete Science major	15
(Students planning to enter Medical School at Augusta must take Chemistry 380).	
Electives	14
(To include courses to complete Foreign Language requirement as outlined for B.S. degree and 5 hours elective from the Social Science Division.)	

*See note on A.B. Degree.

DIVISION OF FINE ARTS

The Division of Fine Arts is administered by the College of Arts and Sciences. It includes Art, Drama, Landscape Architecture and Music. The function of this Division is to give training in appreciation, to help students form standards of taste, to promote culture in the entire community, and to train specialized performing artists and teachers. To accomplish these objectives this Division collaborates with other Schools, Divisions and Departments, especially those of Languages, Education, and Home Economics. In the College of Arts and Sciences curricula of four years are offered, with a major in Art, Drama, Landscape Architecture, or Music.

DEPARTMENT OF ART

The aim of the Department of Art is to provide training in the fundamental principles of the creative visual arts as well as the study of art history and appreciation.

In the Freshman and Sophomore years, 24 hours of art are required in addition to the general academic requirements. These courses which form a well-balanced program of study, prepare students for more advanced courses offered in the Junior and Senior years.

On entering the Junior year, the student selects his major field of concentration. The four majors are Painting and Drawing, Design and Crafts, Commercial Art, and Art Education.

BACHELOR OF FINE ARTS—MAJOR IN ART

REQUIRED COURSES IN FRESHMAN AND SOPHOMORE YEARS

Freshman	Hours
*Social Science 1 a-b-c or *English History 124, 125, 126 or *American History 151, 152, 153	9
English Composition 2 a-b-c	9
***Physical Science 1-2 or Human Biology 1-2	10
***Mathematics 20	5
Art 30	5
Art 40	5
Art 50 or Art 55	5
Military Science (men) or Health Education (women)	5
	53

Sophomore	Hours
Humanities 1 a-b-c	9
***Physical Science 1-2 or Human Biology 1-2	10
**Foreign Language	10
Landscape Architecture 14	3
Art 41	3
Art 51	3
Social Science 4	5
Electives	5
Military Science (men) or Health Education (women)	5
	53

*See note under the A.B. Degree.

**Courses of credit value of 25 hours (combined in high school and college) from French, Italian, German, Greek, Latin, Spanish are required. Each high school unit reduces the total by 5. See footnote No. 4 under Admission Requirements page 24. Ten hours in college courses must be taken, and one language must be taken through course number 103.

***See footnote on page 75.

MAJOR FIELDS OF CONCENTRATION

I. ART EDUCATION

Junior	Hours	Senior	Hours
Art 211 (Design)	5	Art 210 (Lettering)	5
Art 221 (Drawing)	5	Education 315	5
Art 279 (Ancient and Classical Art)	5	Art 261 (Pottery)	5
Art 280 (Medieval Art)	5		
Art 282 (History of Art)	5		
Art 222 (Drawing)	5		
Art 241 (Water Color)	5		
Art 435 (Art Structure)	5		

Electives to complete 186 hours, exclusive of Military Science 1-2, or Health Education 1-2.

II. COMMERCIAL ART

Junior	Hours	Senior	Hours
Art 211 (Design)	5	Art 207 (Illustration)	5
Art 221 (Drawing)	5	Art 241 (Water Color)	5
Art 222 (Drawing)	5	Art 202 (Composition)	5
Art 231 (Oils)	5	Art 210 (Lettering)	5
Art 279 (Ancient and Classical Art)	5	Journalism 357	5
Art 280 (Medieval Art)	5	Electives (Art)	15
Art 282 (History of Art)	5		

Electives (courses recommended in Commerce and Journalism) to complete 186 hours, exclusive of the required courses in Military Science 1-2, or Health Education 1-2.

III. DESIGN AND CRAFTS

Junior	Hours	Senior	Hours
Art 211 (Design)	5	Art 210 (Lettering)	5
Art 221 (Drawing)	5	Art 241 (Water Color)	5
Art 222 (Drawing)	5	Art 213 (Design)	5
Art 279 (Ancient and Classical Art)	5	Electives (Art)	15
Art 280 (Medieval Art)	5		
Art 282 (History of Art)	5		

In addition to the above, three five-hour courses in pottery or crafts are required.

Electives to complete 186 hours required for degree, exclusive of Military Science 1-2 or Health Education 1-2.

IV. PAINTING AND DRAWING

Junior	Hours	Senior	Hours
Art 211 (Design)	5	Art 241 (Water Color)	5
Art 221 (Drawing)	5	Art 232 (Painting)	5
Art 222 (Drawing)	5	Art 233 (Painting)	5
Art 223 (Drawing)	5	Art 234 (Painting)	5
Art 270 (Modeling)	5	Art 242 (Water Color)	5
Art 279 (Ancient and Classical Art)	5	Electives (Fine Arts)	5
Art 280 (Medieval Art)	5		
Art 231 (Painting)	5		

Electives to complete 186 hours, exclusive of the required courses in Military Science 1-2 or Health Education 1-2.

DEPARTMENT OF DRAMA

The Department of Drama trains students in all aspects of theatrical and dramatic activity. It provides a basic education in the arts and sciences and prepares students for work in the production of plays in high schools, colleges, and community theaters, and, in special instances, careers in the professional theater and radio.

The study of the theory of the theater is always combined with actual stage practice. Students in Drama use the University Theatre as a non-credit laboratory. University Theatre, one of the best in the South, provides an ideal learning situation. Here students from all walks of University life meet on a common ground of interest to build a strong theatre.

A major in Drama includes not only courses in the Department of Drama, but also related courses in Music, Art, the Dance, Dramatic Literature, Speech, Costume Design, and Radio in other departments.

The physical facilities of the Department are excellent. It occupies a new building, one of the finest theater structures in the South, with large and small auditoriums of advanced design, a fully equipped stage, scene and costume workshops, and modern stage lighting equipment and control.

BACHELOR OF FINE ARTS—MAJOR IN DRAMA

REQUIRED COURSES IN FRESHMAN AND SOPHOMORE YEARS

Freshman	Hours	Sophomore	Hours
*Social Science 1 a-b-c or *English History 124, 125, 126 or *American History 151, 152, 153	9	Social Science 4	5
**Physical Science 1-2 or Human Biology 1-2	10	**Physical Science 1-2 or Human Biology 1-2	10
**Mathematics 20	5	Humanities 1 a-b-c	9
English Composition 2 a-b-c	9	Drama 33	5
Drama 30	5	Speech 8	5
Electives	10	***Foreign Language	10
Military Science (men) or Health Education (women)	5	Electives	5
		Military Science (men) or Health Education (women)	5
	53		54

REQUIREMENTS IN JUNIOR AND SENIOR YEARS

Junior	Hours	Senior	Hours
Drama 334	5	Drama 335	5
Drama 336	5	Drama 350	5
Speech 309	5	Speech 396	5
Speech 386	5	Journalism 369	5
English 343	5	Electives	25
Electives	20		
(Twenty hours must be selected from Language and Literature.)			45
	45		

DEPARTMENT OF LANDSCAPE ARCHITECTURE

Landscape Architecture deals with the planning of land for human use and enjoyment. The curriculum in landscape architecture is a practical and progressive program. In the Freshman and Sophomore years it provides for the basic arts and sciences, accompanied by a study of the principles of design and art appreciation. In the Junior and Senior years the curriculum provides for practice courses and problems in landscape and architectural design, construction and planting in addition to training in

* See note under the A.B. Degree.
** See footnote on page 75.
*** Courses of credit value of 25 hours (combined in high school and college) from French, German, Greek, Latin, Italian, Spanish are required. Each high school unit reduces the total by 5. See footnote No. 4 under Admission Requirements page 24. Ten hours in college courses must be taken, and one language must be taken through course number 103.

the basic skills, such as surveying, mapping, mechanical and freehand drawing.

A series of formal and naturalistic developments, known as the Founders Memorial Garden, surround the Landscape Architecture Building. This affords excellent laboratory facilities for the students.

The University of Georgia is especially well situated for teaching landscape architecture because of the wide variety of available plant material, a long growing season and its accessibility to numerous landscape and architectural developments in the southeast.

BACHELOR OF FINE ARTS—MAJOR IN LANDSCAPE ARCHITECTURE

REQUIRED COURSES IN FRESHMAN AND SOPHOMORE YEARS

Freshman	Hours	Sophomore	Hours
*Social Science 1 a-b-c or *English History 124, 125, 126 or *American History 151, 152, 153	9	Social Science 4	5
***Physical Science 1-2 or Human Biology 1-2	10	Human Biology 1-2 or ***Physical Science 1-2	10
***Mathematics 20	5	Humanities 1 a-b-c	9
English Composition 2 a-b-c	9	**Foreign Language	10
Landscape Architecture 11	5	Landscape Architecture 13	3
Landscape Architecture 12	5	Landscape Architecture 70	3
Art 50	5	Landscape Architecture 71	3
Military Science (men) or Health Education (women)	5	Electives	5
		Military Science (men) or Health Education (women)	5
	53		53

REQUIRED COURSES IN JUNIOR AND SENIOR YEARS

Junior	Hours	Senior	Hours
Landscape Architecture 350	5	Landscape Architecture 353 a-b	6
Landscape Architecture 351	5	Landscape Architecture 354	5
Landscape Architecture, 352	5	Landscape Architecture 355	5
Landscape Architecture 356 a-b	6	Landscape Architecture 357 a-b	6
Landscape Architecture 358	3	Landscape Architecture 360	5
Art 221	5	Art 222	5
Horticulture 1	5	Art 241	5
Agricultural Engineering 11	5	Electives	8
Electives	6		
	45		45

* See note under the A.B. Degree.

** Courses of credit value of 25 hours (combined in high school and college) from French, Italian, German, Greek, Latin, Spanish are required. Each high school unit reduces the total by 5. See footnote No. 4 under Admission Requirements page 24. Ten hours in college courses must be taken, and one language must be taken through course number 103.

*** See footnote on page 75.

Total requirements for the degree 186 hours, exclusive of the required courses in Military Science 1-2 or Health Education 1-2.

TRIPS

A trip of a week's extent will be taken on alternate years by Junior and Senior Landscape Architecture majors to Flat Rock and Asheville, N. C., Smoky Mountains National Park, and to Thomasville, Georgia, and points in Florida for purpose of study and observation. Week-end trips will be made to Augusta, Atlanta, and LaGrange, Georgia, and to Aiken and Charleston, South Carolina.

DEPARTMENT OF MUSIC

Junior Division courses for a major in music include the regular academic courses in addition to courses in elementary theory, and harmony. These courses are designed to give the student a practical knowledge of the theory of music, ear training, and harmony. The Senior Division courses are designed to give the student a broader and more cultural background in music. A limited number of practical courses in music may be taken for credit. See explanation at the end of course announcements in Music.

Hugh Hodgson, the head of the Department of Music, was honored by being chosen as a Visiting Artist of the Fine Arts program of the Association of American Colleges.

BACHELOR OF FINE ARTS—MAJOR IN MUSIC

REQUIRED COURSES IN FRESHMAN AND SOPHOMORE YEARS

Freshman	Hours	Sophomore	Hours
†Social Science 1 a-b-c or †English History 124, 125, 126 or †American History 151, 152, 153	9	Social Science 4	5
*Physical Science 1-2 or Human Biology 1-2	10	Human Biology 1-2 or *Physical Science 1-2	10
*Mathematics 20	5	Humanities 1 a-b-c	9
English Composition 2 a-b-c	9	**Foreign Language	10
Music 2	5	Music 22	5
Music 1	5	Music 32 a-b	6
Music 31	5	Music 33	3
Military Science (men) or Health Education (women)	5	Military Science (men) or Health Education (women)	5
	53		53

REQUIREMENT IN JUNIOR AND SENIOR YEARS

(1) Major Concentrations Music Literature Courses 340, 341, 342, 353, 356, 357, 360, 361; Music Theoretical Course 370; Public School music to the extent of five hours.

(2) Art. Five hours.

(3) English: Two approved courses.

(4) Total Foreign Language Requirement: Courses of credit value of twenty-five hours (combined in high school and college) from French, Italian, German, Greek, Latin, Spanish are required. Each high school unit reduces the total by five. Ten hours in college courses must be taken, and one language must be taken through course number 103.

(5) Greek Literature: Courses 356-357.

(6) Electives: A sufficient number of hours to bring the total to 186, exclusive of the required courses Military Science 1-2 or Health Education 1-2. Music 373 and Music 371 are recommended as well as courses in Fine Arts, English, History, and Foreign Languages.

(7) Practical Music: Performance satisfactory to the director in Piano, Organ, Violin or Voice.

DEPARTMENTAL ANNOUNCEMENTS

NOTE: Due primarily to war conditions some of the courses listed may not be offered as announced. In particular the University reserves the right to withdraw any course for which the registration is not sufficiently large.

The official University schedule for the Fall, Winter and Spring courses will be ready for distribution on September 15th. A copy will be mailed by the Registrar upon request.

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† See note on A.B. Degree.

* See footnote on page 75.

** Courses of credit value of 25 hours (combined in high school and college) from French, German, Italian, Greek, Latin, Spanish are required. Each high school unit reduces the total by 5. See footnote No. 4 under Admission Requirements page 24. Ten hours in college courses must be taken, and one language must be taken through course number 103.

ART

(Fine Arts Building, North Campus, unless otherwise specified)
Head: Dodd. Staff: Case, *Gambrell, Holliday, *Kuzmicki, Ledford, *McCutchen, Payor.

17. ART APPRECIATION. 3 hours. Fall, Winter and Spring Quarters.
For the student who is not an art student but who wants better to understand and enjoy art. This course is especially designed to be taken with the three-hour lecture course Listener's History of Music (Music 43) under Mr. Hodgson.

30. ART SURVEY. 5 hours. Fall, Winter and Spring Quarters.
A comprehensive approach to the field of art, providing a basis for the development of good taste and art appreciation. No particular talent is required for the completion of this course. Lectures, required reading, research, and problems in practical application of art principles. Required of art majors and majors in Home Economics and offered as a general elective.

35. FINE ARTS. 5 hours. Fall Quarter. (Not offered 1944-45)
(Not open to students who have had Art 17 and Music 43.)

DESIGN

40. ELEMENTARY DESIGN. 5 hours. Five laboratory periods per week. Winter Quarter.
An elementary study of the principles of design and their application to varied simple projects.

41. DESIGN. 3 hours. Three laboratory periods. Winter Quarter.
A further study of the design principles.

DRAWING

50. DRAWING. 5 hours. Five laboratory periods. Spring Quarter.

51. DRAWING. 3 hours. Three laboratory periods. Spring Quarter.

55. FREEHAND DRAWING AND PERSPECTIVE. 5 hours. Five laboratory periods. Fall and Spring Quarters.
Perspective, shade and shadows, freehand and mechanical lettering, line values, sketching, elementary design. (It is recommended that Landscape Architecture 55 be scheduled to supplement this course.)

HISTORY AND APPRECIATION

279. ANCIENT AND CLASSICAL ART. 5 hours. No prerequisite. Fall Quarter. *Miss Ledford.*
A survey of the painting, sculpture, architecture and minor arts from prehistoric times to the Early Christian period.

280. MEDIEVAL ART. 5 hours. No prerequisite. Winter Quarter. *Miss Holliday.*
History and interpretation of art of the Medieval period. Painting, sculpture, architecture, stained glass, mosaics and other important fields of art.

282. RENAISSANCE ART. 5 hours. No prerequisite. Spring Quarter. *Miss Holliday.*
A study of Art from the Italian Renaissance to the middle of the nineteenth century. Study of the great masterpieces in painting, sculpture, and architecture in relation to their social and historical background. Illustrated lectures.

283. MODERN ART. 5 hours. No prerequisite. Spring Quarter.
This course deals with the most important movements in art since the middle of the nineteenth century and includes a survey of contemporary art. Illustrated lectures.

435. ART STRUCTURE. 5 hours. No prerequisite. Spring Quarter. *Mr. Dodd.*
Study of theory of art, designed for art majors as well as a general elective for advanced students of other departments.

GENERAL ART

200a-b. GENERAL ART. 6 hours. (Three hours per quarter.) The equivalent of five laboratory periods per week for six weeks. Fall, Winter and Spring Quarters.

* On leave.

This is a special course designed for a limited number of students, who, in the opinion of their major professor and the Head of the Department of Art are qualified to carry on the work independent of regularly scheduled class-room hours. With the advice of the Faculty the student will select from a list of projects those which suit his particular needs. Each project will have a credit value based on the normal count of time required for the completion of such a project. The student will assume full responsibility for time spent on each project. Criticism periods to be arranged with the instructor. When the accumulated values equal a half course credit, the requirements of the first unit of this course will have been fulfilled. Acceptance of problems will be determined by accomplishments rather than the amount of time spent. The list of projects includes problems in design, applied arts, drawing, painting and pottery.

Scheduling of this course must be approved by Head of Art Department.

200. GENERAL ART. 5 hours. Five laboratory periods per week. Fall, Winter and Spring Quarters. (Same course as 200a-b, except credit to be 5 hours complete in one quarter instead of 6 hours over two quarters.)

Scheduling of this course must be approved by Head of Art Department.

DRAWING AND COMPOSITION

221. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods. Fall, Winter and Spring Quarters.

Drawing from the human figure. Study of anatomy as an aid in understanding the figure. Figure and landscape composition.

222. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods. Prerequisite: Art 221. Spring Quarter.

Continuation of Art 221.

223. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods. Prerequisite: Art 221. Spring Quarter.

Continuation of Art 222.

202. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods. Fall Quarter. Prerequisites: Art 211 and 223. (Not offered 1944-45.)

Advanced problems in composition and figure drawing. Variety of media. Analysis of masterpieces, outside sketching.

PAINTING

231. PAINTING. 5 hours. Five laboratory periods. Prerequisite: Art 221. Fall and Spring Quarters.

Portrait and figure painting. Landscape and still life. Demonstrations.

232. PAINTING. 5 hours. Five laboratory periods. Prerequisite: Art 231. Fall Quarter.

Continuation of 231.

233. PAINTING. 5 hours. Five laboratory period. Prerequisite: Art 232. Winter Quarter.

Advanced painting. Experiments in various media and research.

234. PAINTING. 5 hours. Five laboratory periods. Prerequisite: Art 233. Spring Quarter.

Continuation of 233.

241. WATER COLOR. 5 hours laboratory periods. Prerequisite: Art 221. Fall and Spring Quarters.

Problems in still life, landscape and figure composition are assigned to help the student discover his individual method of expression in water color.

242. WATER COLOR. 5 hours. Five laboratory periods. Prerequisite: Art 241. Fall and Spring Quarters.

Continuation of Art 241.

DESIGN

211. DESIGN. 5 hours. Five laboratory periods. Prerequisite: Art 40. Fall and Spring Quarters.

Application of the principles of design to the decorative arts and crafts. Assigned problems with special emphasis on the development of creative ability and individuality.

212. ADVANCED DESIGN. 5 hours. Five laboratory periods. Prerequisite: Art 211. Fall Quarter.

Continuation of 211 with more advanced problems in creative design. (Assigned problems with individual criticism.)

213. ADVANCED AND APPLIED DESIGN. 5 hours. Five laboratory periods. Prerequisites: Art 211 and 221, Winter Quarter. (Not offered 1944-45)

Continuation of 212. Advanced problems in creative design (or drawing) in relation to the commercial field with execution of the designs in the various materials and media.

286. HISTORIC ORNAMENT. 5 hours. Two hours lecture; three laboratory periods. Spring Quarter. (Not offered 1944-45.)

A study of the origins and development of historic styles in ornament as related to architecture and the decorative arts.

COMMERCIAL ART AND ILLUSTRATION

207. ILLUSTRATION. 5 hours. Five laboratory periods. Prerequisites: Art 221 and 211. Winter Quarter.

Practice in illustrative drawings. Instruction in layouts and uses of different media for reproduction.

208. ADVERTISING ART. 5 hours. Fall and Spring Quarters.

A study of the principles of art as applied to advertising. Layouts including newspaper and magazine advertisements, posters, and package design. Types, lettering, and methods of reproduction. Lectures, class discussions with practical problems covering points discussed.

209. COMMERCIAL DESIGN. 5 hours. Five laboratory periods. Prerequisite: Art 211-210 and 221-223. Spring Quarter.

Advanced problems in designing for posters, packages, magazine and newspaper advertisements and all types of commercial art. Study of the place of creative design in present-day trends in advertising.

210. LETTERING. 5 hours. Five laboratory periods. Winter and Spring Quarters.

Survey of the historic styles of lettering with a thorough study of the Roman alphabet. Modern brush and pen lettering. Layout and advertising problems with the use of appropriate type.

CAMOUFLAGE

100. CAMOUFLAGE. 5 hours. (Laboratory work scheduled) Laboratory fee, $4.00. No prerequisite. Fall, Winter and Spring Quarters.

Introduction, camouflage in nature, aerial observation and aerial warfare, direct vision and photography, camouflage techniques, analysis of industrial areas, applications of camouflage, camouflage materials, blackout, smoke and fog, cost estimating, camouflage procedure, conclusion and recapitulation.

POTTERY AND CRAFTS

261. POTTERY. 5 hours. Five laboratory periods. Fall and Spring Quarters.

Practice in handbuilding. Study of vase forms and other ceramic ware.

262. POTTERY. 5 hours. Five laboratory periods. Winter Quarter.

Pottery building on wheel, molding, decorating and glazing.

263. POTTERY. 5 hours. Five laboratory periods. Prerequisite: Art 261. Spring Quarter.

Continuation of 262.

265. POTTERY. 3 hours. Three laboratory periods. No prerequisite. Fall, Winter and Spring Quarters.

Elementary course in pottery.

270. SCULPTURE. 5 hours. Five laboratory periods. Prerequisite: Art 221. Fall Quarter.

A course designed to give the student experience in working with solid media; clay or plastilina. Portrait and life models and weekly compositions. Also casting in plaster.

251. CRAFTS. 5 hours. Five laboratory periods. Prerequisites: Art 211 and 221. Spring Quarter. S. Campus. Dawson Hall.

Metal work, batik, and block printing. Introductory course in the handling of the tools and materials used in the crafts listed.

252. CRAFTS. 5 hours. Five laboratory periods. Prerequisite: Art 251. Winter Quarter. S. Campus. Dawson Hall.

Continuation of Art 251 with more advanced problems and further research into the various methods used in these crafts.

253. CRAFTS. 5 hours. Five laboratory periods. Prerequisite: Art 252. Spring Quarter. S. Campus. Dawson Hall.
Full projects in the execution of original designs in the various crafts stressing the suitability of the design to the medium and the ultimate use of the object.

255. CRAFTS. 3 hours. Three laboratory periods. Prerequisite: Art 30. Fall, Winter and Spring Quarters. S. Campus. Dawson Hall.
Introductory course in crafts designed to give experience in working with a variety of tools and materials. Simple problems in weaving, dyeing, batik, embroidery, metal and reed work, and other projects related to home furnishing.

256. CRAFTS. 3 hours. Three laboratory periods. Prerequisite: Art 255. Fall, Winter and Spring Quarters. S. Campus. Dawson Hall.
Continuation of Art 255 with more advanced problems in one or two crafts.

ART EDUCATION

EDUCATION 314. SPECIAL METHODS OF TEACHING ART IN ELEMENTARY GRADES. 5 hours. No prerequisite. Fall Quarter. *Miss Holliday.*
The course deals with suitable activities and experiences in art for the grades, and modern methods of handling them.

EDUCATION 315. SPECIAL METHODS IN TEACHING ART IN HIGH SCHOOL. 5 hours. No prerequisite. Winter Quarter. N. Campus. Fine Arts Building. *Miss Holliday.*
Emphasis on phases of art for high school and methods of teaching them.

INTERIOR DECORATION

388. HISTORY OF INTERIOR DECORATION. 3 hours. Lecture. Winter Quarter. S. Campus. Dawson Hall. (Not offered 1944-45.)
A history of the development of furniture, furniture design and decoration, with visits to furniture shops and decorating establishments.

390. INTERIOR DECORATION. 5 hours. Five laboratory periods. Prerequisite: Art 211. Fall Quarter. (Not offered 1944-45)
Simple problems in line, space, light, form, color and texture, as applied to interiors. Creating original designs in furniture and related furnishings rendered to scale.

391. INTERIOR DECORATION. 5 hours. Five laboratory periods. Prerequisites: Art 211 and 221. Winter Quarter. (Not offered 1944-45)
Study of types of rooms and suitable furnishings. Study of periods and modern trends. Executing original designs by scale models. Choice of and actual arrangement of complete furnishings for a room.

GRADUATE COURSES

500. GENERAL ART. 5 hours. Five laboratory periods per week. Fall, Winter and Spring Quarters. *Mr. Dodd.*

802. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods per week. Prerequisites: Art 223, 234, 202. Fall, Winter and Spring Quarters. *Mr. Dodd.*

803. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods per week. Prerequisite: Art 802. Fall, Winter and Spring Quarters. *Mr. Dodd.*

804. DRAWING AND COMPOSITION. 5 hours. Five laboratory periods per week. Prerequisite: Art 803. Fall, Winter and Spring Quarters. *Mr. Dodd.*

831. PAINTING. 5 hours. Five laboratory periods per week. Prerequisites: Art 202, 223, 234. Fall, Winter and Spring Quarters. *Mr. Dodd.*

832. PAINTING. 5 hours. Five laboratory periods per week. Prerequisite: Art 831. Fall, Winter and Spring Quarters. *Mr. Dodd.*

833. PAINTING. 5 hours. Five laboratory periods per week. Prerequisite: Art 832. Fall, Winter and Spring Quarters. *Mr. Dodd.*

HONORS AND AWARDS

Three purchase Prizes of $25.00, $15.00 and $10.00 respectively are offered by Edward S. Shorter, of Columbus, Georgia. These prizes will

be given to students of the Art Department for work of outstanding merit selected by the Faculty of the Department. Works receiving these awards will remain the property of the Department.

In addition to the above awards the University of Georgia Art Students' League makes annual cash awards each year for work in the field of art.

TRIPS

Each year art majors, accompanied by a member of the Art Staff, make trips to leading museums and exhibitions in the East.

INTERNSHIPS

Arrangements have been made with leading commercial establishments in the South in order that art majors may serve internships during the summer between their Junior and Senior years.

BACTERIOLOGY

(LeConte Hall, North Campus)

Staff: Burkhart, Gilkerson*, Kuhn*.

350. INTRODUCTORY BACTERIOLOGY. 5 hours. Two lecture or recitation and three double laboratory periods. Laboratory fee $2.50. Breakage fee $2.50. Prerequisite: Chemistry 21-22 (or 21-24) and two courses in Biological Science. Fall, Winter and Spring Quarters. *Mr. Burkhart.*

This course is offered for students in Agriculture, Home Economics, Pharmacy and B.S. in Chemistry. It consists of an introduction of bacteriological principles and technique.

351. BACTERIOLOGY. 5 hours. Two recitation or lecture and three double laboratory periods. Laboratory fee $2.50. Breakage fee $2.50. Prerequisite: Bacteriology 350. Winter Quarter. *Mr. Burkhart.*

This course includes bacterial physiology and classification (continued from course 350) and an introduction to sanitary bacteriology and serology.

Admission to the following courses is limited to comply with availability of space and materials.

400. GENERAL BACTERIOLOGY. 5 hours. Five double periods of laboratory, lecture and recitation weekly. Laboratory fee $2.50. Breakage fee $2.50. Prerequisites: Chemistry 340a and Botany 21-22 or Zoology 25-26. (Not given 1944-45)

This course deals with the biology of the bacteria and the techinques employed in the study of them. It is offered for B.S. sudents who have a satisfactory background in the biological sciences.

401. BACTERIAL INFECTION. 5 hours. Five double periods of laboratory, lecture and recitation weekly. Laboratory fee $2.50. Breakage fee $2.50. Prerequisite: Bacteriology 406. (Not given 1944-45)

A study of several typical infections produced by bacteria, viruses and rickettsiae, emphasizing characteristics of the causative agents, mechanisms of infection, prevention and control.

402. DAIRY BACTERIOLOGY. 5 hours. Two recitation or lecture and three double laboratory periods per week. Laboratory fee $2.50. Breakage fee $2.50. Prerequisites: Bacteriology 350 and 351. Winter Quarter. *Mr. Burkhart.*

This course is the study of the bacteria found in milk and dairy products with special emphasis upon their economic importance.

403. SOIL BACTERIOLOGY. 5 hours. Two recitation or lecture and three double laboratory periods per week. Laboratory fee $2.50. Breakage fee $2.50. Prerequisites: Bacteriology 350 and 351. Spring Quarter. *Mr. Burkhart.*

In this course special emphasis is placed upon the economic significance of soil bacteria.

405. FOOD BACTERIOLOGY. 5 hours. Two recitation or lecture and three double laboratory periods per week. Laboratory fee $2.50 Breakage fee $2.50. Prerequisites: Bacteriology 350 and 351. Spring Quarter. *Mr. Burkhart.*

This course deals with the bacteria of foods from the standpoints of their economic significance and their relation to the spread of disease.

406. IMMUNOLOGY. 5 hours. Five double periods of laboratory, lecture and recitation weekly. Laboratory fee $2.50. Breakage fee $2.50. Prerequisite: Bacteriology 400. (Not given 1944-45)

An introduction to the principles of serology, hypersensitivity and resistance to infection.

* On leave.

BOTANY

(LeConte Hall, North Campus)

Staff: Mr. Brown, Duncan*, Wilson*.

21. ELEMENTARY BOTANY. 5 hours. Five one-hour laboratory-discussion periods. Laboratory fee $2.50. Fall, Winter and Spring Quarters. *Mr. Brown.*

A study of (a) the structure of leaves, stems, and roots, (b) growth and nutritive processes of plants, and (c) the relations of plants to their environment.

22. ELEMENTARY BOTANY (Continued). 5 hours. Five one-hour laboratory-discussion periods. Laboratory fee $2.50. Fall, Winter and Spring Quarters. *Mr. Brown.*

A study of reproduction, variation, heredity, and evolution of seed plants, with studies of representatives of the other major plant groups and their importance.

305. FIELD BOTANY. 5 hours. One lecture and four double laboratory periods or field trips. Laboratory fee $2.50. Prerequisite: Botany 21-22 or consent of the instructor. Spring Quarter. *Mr. Brown.*

A study of principles and rules underlying plant classification with practice in identification of local flowering plants.

323. ELEMENTARY PLANT ANATOMY. 5 hours. Five two-hour laboratory periods. Laboratory fee $2.50. Prerequisites: Botany 21-22. Winter Quarter. *Mr. Brown.*

The origin and development of the organs and tissue system of vascular plants, and a comparative study of the structures of roots, stems, leaves, flowers, and fruits.

358. METHODS IN PLANT HISTOLOGY. 5 hours. Five double laboratory periods. Laboratory fee $2.50. Prerequisites: Botany 21-22. Not given 1944-45.

Principles and methods of killing, fixing, embedding, sectioning, staining, and mounting plant materials for microscopic study.

375. PLANT ECOLOGY. 5 hours. Five double laboratory-discussion periods and field trips. Laboratory fee $2.50. Prerequisites: Botany 21-22. (Not given 1944-45)

The relationship of plants and plant communities to the environments in which they grow.

380. PLANT PHYSIOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee $2.50. Breakage deposit $2.50. Prerequisites: Botany 21-22 and a background in physics and chemistry. (Not given 1944-45)

A physiological survey of processes occuring in economic plants and the conditions which affect them.

406. TAXONOMY OF WOODY PLANTS. 5 hours. One lecture and four double laboratory periods. Laboratory fee $2.50. Prerequisites: Botany 21-22 and permission of instructor. (Not given 1944-45)

Studies in identification of Georgia trees and shrubs, with emphasis on identification in winter condition.

431. MORPHOLOGY OF SEED PLANTS. 5 hours. One lecture and four double laboratory periods. Laboratory fee $2.50. Prerequisites: Botany 21-22 and 323. (Not given 1944-45)

Critical studies of representative seed plants, considering their develoment, morphology, and relationships.

471. TAXONOMY OF SEED PLANTS. 5 hours. Two lecture and three double periods. Laboratory fee $2.50. Prerequisite: Botany 305. (Not given 1944-45)

A study of the concepts and system of classification, problems of nomenclature, and the taxonomy of specialized groups.

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*On leave.

472. Taxonomy of Seed Plants (Continued). 5 hours. Two lecture and three double laboratory periods. Laboratory fee $2.50. Prerequisite: Botany 471. (Not given 1944-45)

A continuation of course 471.

480. General Physiology. 5 hours. Three lecture and two double laboratory periods. Laboratory fee $2.50. Breakage deposit $5.00. Prerequisites: Botany 21-22 or Zoology 25-26, and Chemistry 21-22-23 and 346 or its equivalent. (Not given 1944-45)

The lectures include a study of the physical and chemical basis of living protoplasm, the laboratory periods include the use of analytical measurements and determinations of physiological phenomena.

482. Nutrition of Green Plants. 5 hours. Two lectures and three double laboratory periods. Laboratory fee $2.50. Breakage deposit $5.00. Prerequisite: Botany 380. (Not given 1944-45)

A survey of the nutrition of the higher plants, including major and minor elements and deficiency symptoms.

483. Advanced Plant Physiology. 5 hours. Two lectures and three double laboratory periods. Laboratory fee $2.50. Breakage deposit $5.00. Prerequisite: Botany 380. (Not given 1944-45)

A study of the syntheses of commercial products produced by economic plants.

802 and 804. Problems in Botany. 5 hours for each course. Under this heading work may be pursued under the direction of staff members in Plant Anatomy, Plant Ecology, Plant Morphology, Plant Physiology or Plant Taxonomy. (Not given 1944-45)

Note: For courses in Genetics see Zoology 370. For courses in Mycology see Plant Pathology 420 and 421. These courses are accepted for Botany credit.

CHEMISTRY

Head: Scott. Staff: Bailey, Bennett, Brockman*, Coggin, McCall, Tebeau*, Whitehead*, Wilder*, and Assistants.

INORGANIC CHEMISTRY

21. Inorganic Chemistry. 5 hours. Four lectures or recitations and one laboratory period. Fee $2.50. Breakage deposit $5.00. *The Staff and Assistants.*

A general course in the chemistry of the non-metallic elements, including a systematic treatment of chemical principles and their applications.

22. Inorganic Chemistry. 5 hours. Four lectures or recitations and one laboratory period. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 21. *The Staff* and *Assistants.*

A continuation of Chemistry 21, including a general survey of the metallic elements.

24. Inorganic Chemistry. (For Agricultural students.) 5 hours. Four lectures or recitations and one laboratory period. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 21. *Mr. Coggin Mr. Bailey* and *Assistants.*

A continuation of Chemistry 21 with especial emphasis on subject matter related to agriculture.

370. Inorganic Industrial Chemistry. 5 hours. No fee. Prerequisites: Chemistry 22 or 24, or their equivalents, and one other chemistry course with laboratory. (Not offered 1944-45)

Important chemical processes and recent chemical developments in various industries.

420. Advanced Inorganic Chemistry. 5 hours. No fee. Prerequisites: Chemistry 22, or equivalent, and two other chemistry courses with laboratory. *Mr. Bailey.*

Chemical laws, theories and hypotheses.

421. Advanced Inorganic Chemistry. 5 hours. No fee. Prerequisites: Chemistry 23, and one other chemistry course with laboratory. *Mr. Bailey.*

A study of the periodic classification of the elements.

* On leave.

422. Advanced Inorganic Chemistry. 5 hours. One lecture and four laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisites: Chemistry 22, or equivalent, and two other chemistry courses with laboratory. *Mr. Bailey.*

Theory and practice of inorganic preparations.

820. Research in Inorganic Chemistry. Maximum equivalent, including thesis, forty-five hours. (Not offered 1944-45)

ANALYTICAL CHEMISTRY

23. Qualitative Inorganic Analysis. 5 hours. Two lectures or recitations, and three laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 22 or 24. *Mr. Bailey* and *Assistants.*

The fundamental theories of qualitative analysis and analyses of the common cations and anions.

380. Quantitative Inorganic Analysis. 5 hours. One lecture and four three hour laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 23. *Mr. McCall.*

The fundamental theories of quantitative analysis and typical gravimetric, volumetric and oxidimetric analyses.

480. Advanced Quantitative Analysis. 5 hours. One lecture or recitation and four laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 380. Spring Quarter. *Mr. McCall.*

A continuation of Chemistry 380, includes electrometric, iodimetric and colorimetric determinations, and also the theory and use of organic preciptants in analytical chemistry.

481. Commercial Analysis. 5 hours. One lecture or recitation and four laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisites: Chemistry 380 and 340a or equivalent. *Mr. McCall.*

The analysis of alcohols, sugars, nitrogen compounds, cellulose derivatives and oils as applied to commercial products.

482. Special Methods of Analysis. 5 hours. One consultation and four laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 481. (Not offered 1944-45)

Special analytical methods, such as potentiometric titrations, electrometric determinations, chemical microscopy, and others. This course will be varied to suit the needs of the individual student.

880. Research in Analytical Chemistry. Maximum equivalent, including thesis, forty-five hours. (Not offered 1944-45)

AGRICULTURAL AND BIOCHEMISTRY

(See College of Agriculture for these courses.)

ORGANIC CHEMISTRY

340a-b. Organic Chemistry. 10 hours. Five hours per quarter. Three or four lectures or recitations and one or two laboratory periods. Fee $5.00 ($2.50 for each quarter). Breakage deposit $10.00 ($5.00 for each quarter). Prerequisite: a grade of 70 or better in Chemistry 21 and 22 or 24. 340a—Fall and Winter Quarters. 340b. *Mr. Scott, Mr. Coggin* and *Assistants.*

Chemistry 340a—The aliphatic hydrocarbons and their derivatives.

Chemistry 340b—A continuation of 340a and a treatment of the coal tar compounds.

346. Elements of Organic Chemistry. (For Agricultural and Home Economics students.) 5 hours. Four lectures or recitations and one laboratory period. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 22 or 24. *Mr. Coggin, Mr. Scott* and *Assistants.*

A brief introduction to organic chemistry.

371. Organic Industrial Chemistry. 5 hours. No fee. Prerequisite: Chemistry 346 or 340a-b. (Not offered 1944-45.) *Mr. Bailey.*

Important chemical processes and recent developments in various organic chemical industries.

440. Advanced Organic Preparations. 5 hours. One consultation and four laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite:

a grade of 80 or better in Chemistry 340a-b. Fall and Spring Quarters. *Mr. Scott.*

Selected syntheses, such as Grignard, Friedel and Craft, Acetoacetic ester and others; also oxidations, reductions and condensations.

441. ORGANIC QUALITATIVE ANALYSIS. 5 hours. One consultation and four laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 440. Winter Quarter. *Mr. Scott.*

Identification of pure organic compounds and of mixtures.

442. ORGANIC QUANTITATIVE ANALYSIS. 5 hours. One consultation and four laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisites: Chemistry 441 and 380. By arrangement. (Not offered 1944-45)

Quantitative analysis of organic compounds of carbon, hydrogen, oxygen, and nitrogen by combustion; the determination of halogens and sulfur by the bomb method. Both macro and micro methods are available.

445h. ADVANCED ORGANIC CHEMISTRY. 3 hours. 3 lecture and recitation periods. No laboratory fee. Prerequisite: Chemistry 340a-b. *Mr. Scott.*

Special topics in Organic Chemistry. This course will amplify and extend a number of the topics mentioned only briefly in the beginning course.

449. INTRODUCTION TO ORGANIC RESEARCH. 5 hours. One consultation and four library or laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 441. *Mr. Scott.*

A study of chemical literature and the laboratory preparation of several substances, the directions for whose formation are to be found only in the original literature.

840. RESEARCH IN ORGANIC CHEMISTRY. Maximum equivalent, including thesis, forty-five hours. *Mr. Scott.*

PHYSICAL CHEMISTRY

390. ELEMENTS OF PHYSICAL CHEMISTRY. 5 hours. No fee. Prerequisite: Chemistry 340a or 346 and 380. Spring Quarter. *Mr. Bailey.*

A brief introduction to physical chemisry, desgned primarily for pre-medical students.

490a-b. PHYSICAL CHEMISTRY. 12 hours. Four lectures or recitations and two laboratory periods. Fee $5.00 ($2.50 for each quarter). Breakage deposit $10.00 ($5.00 for each quarter). Prerequisites: Chemistry 380 and 340a or 346. *Mr. Bailey.*

The two courses 490a-b cover the fundamental principles of physical chemistry.

493. ADVANCED PHYSICAL CHEMISTRY. CHEMICAL THERMODYNAMICS. 5 hours. No fee. Prerequisite: Chemistry 490a-b. Offered upon request.

495h. ADVANCED PHYSICAL CHEMISTRY. 3 hours. 3 lecture or recitation periods. No laboratory fee. Prerequisite Chemistry, 490a-b. *Mr. Bailey.*

This course will amplify and extend special topics in physical chemistry that ordinarily are not sufficently amplified in an elementary course due to lack of time.

890. RESEARCH IN PHYSICAL CHEMISTRY. Maximum equivalent, including thesis, forty-five hours. (Not offered 1944-45)

800-801. THESIS FOR M.S. DEGREE. *The Staff.*

810. CHEMICAL SEMINAR.

CLASSICS

Head: McWhorter. Staff: Bocock, *Greek;* Hooper, *Latin.*

GREEK
(Academic Building, North Campus)

301a-b-c. BEGINNING GREEK. Geography and History. 15 hours. Fall, Winter, and Spring Quarters. Room 202. *Mr. Bocock.*

A beginners' course in Greek for college students.

354. HOMER, LYSIAS, PLATO. 3 hours. Fall Quarter. Room 202. *Mr. Bocock.*

Selections from Greek epic, oratory, philosophy.

355. The Tragic Poets. 3 hours. Winter Quarter. Room 202. *Mr. Bocock.*
A study of selected Greek tragedy.

356. Introduction to the Study of European Literature: Greek Literature in Translation. 5 hours. Room 202. *Mr. Bocock.* (Not given in 1944-45)
Detailed study of selected Greek authors in English translations.

357. Greek Literature in Translation. 5 hours. Prerequisite: Greek 356. Room 202. *Mr. Bocock.* (Not given in 1944-45)
Continuation of Greek 356.

LATIN

(Language Building, North Campus)

101. Elementary Latin. 5 hours. Fall Quarter. Room 204. *Mr. Hooper.*
A beginners' course in Latin for college students. The first half of a sequence, Latin 101-102.

102. Intermediate Latin. 5 hours. Prerequisite: Latin 101 or one high school unit in Latin. Winter Quarter. Room 204. *Mr. Hooper.*
Continuation of Latin 101.

103. Readings in Latin. 5 hours. Prerequisite: Latin 102 or two high school units in Latin. Fall and Spring Quarters. Room 204. *Mr. Hooper or Mr. McWhorter.*
Review of forms and syntax and reading of simple selections from Latin authors.

104. Readings in Latin (Continued). 5 hours. Prerequisite: Latin 103 or the equivalent. Winter Quarter. Room 204. *Mr. Hooper* or *Mr. McWhorter.*
Continuation of Latin 103.

105. Terence or Livy. 5 hours. Prerequisite: Latin 104 or three high school units in Latin. Fall and Spring Quarters. Room 204 or 206. *Mr. Hooper* or *Mr. McWhorter.*
Reading and study of one play of Terence or of one book of Livy.

106. Horace, Odes. 5 hours. Prerequisite: Latin 105 or the equivalent. Winter Quarter. Room 206. *Mr. Hooper.*
Reading and study of selected odes of Horace.

305. Cicero, Essays. 5 hours. Prerequisite: Latin 105 or the equivalent. Spring Quarter. Room 206. *Mr. Hooper.*
Study of De Officiis or one of the other essays of Cicero.

361a-b. Reading Course. 10 hours. Prerequisite: Latin 305 or the equivalent. Fall and Winter Quarters. Room 206. *Mr. Hooper.*
Reading of selections from a number of authors illustrating the history of the literature. (Given alternately with Latin 362, 363.)

362. Horace, Satires and Epistles. 5 hours. Prerequisite: Latin 305 or the equivalent. Fall Quarter. Room 206. *Mr. Hooper.*
A study of the Satires and Epistles. (Latin 362 and 363 given alternately with Latin 361a-b.)

CLASSICAL CULTURE

(Language Building, North Campus)

301a-b-c. Classical Culture. 9 hours. Fall, Winter, and Spring. Room 204. *Mr. McWhorter.*
A study of the characteristics and influence of Greek and Roman culture, made principally through translations of selected Greek and Latin authors.

301x-y. Classical Culture. 10 hours. Fall and Winter, or Winter and Spring. Room 204. *Mr. McWhorter.*
Classical Culture 301a-b-c given more intensively.

358. Roman Literature in Translation. 5 hours. Spring Quarter. Room 204. *Mr. McWhorter.*
Detailed study of representative Latin authors in English translations.

DRAMA

(Fine Arts Building, North Campus)

Head: *Crouse; Acting Head: Blair

17. Drama and Theatre Appreciation. 3 hours. Fall, Winter and Spring Quarters. *Mr. Blair.*

A comprehensive survey and general approach to drama and theatre, providing a basis for the appreciation of drama as a fine art. Lectures, outside reading, and class reports are included. This course is provided for the student who is not majoring in drama but desires an intelligent appreciation of the field. It is offered as a general elective. This course is especially designed to be taken with Music 43 and Art 17.

30. The Theatre. 5 hours. Winter Quarter. *Mr. Blair.*

A general survey of the development of the theatre from Greece to the present, including study of representative plays of each period, forms and methods of production, and theatre structures.

33. Acting. 5 hours. Fall, Winter, and Spring Quarter. Greenroom Theatre. *Mr. Blair.*

Training in theory and technique of acting; study of characterization in the theatre.

334. Scene Building and Painting. 5 hours. Room 12. *Mr. Blair.*

Planning the construction of stage settings; scene building, painting, rigging, and handling; and other technical problems of the theatre.

335. Scene Design. 5 hours. Not offered 1944-45. Room 13. *Mr. Blair.*

The design of settings for historical and modern plays; the relation of fine and applied arts to stage design.

336. Stage Lighting. 5 hours. Spring Quarter. Room 12. *Mr. Blair.*

Study of the aesthetic and mechanical problems of lighting in the theatre; lighting instrumens; elementary physics of light and electricity; operation of a stage switchboard.

350. Play Production and Directing. 5 hours. Spring Quarter. Greenroom Theatre. *Mr. Blair.*

Study of the problems of stage direction—casting; rehearsal; simplified scenery and lighting; stage movement and speaking; make-up; running the performance. Recommended for students who may direct in high schools and colleges.

ECONOMICS

(Commerce-Journalism Building, North Campus)

5. Principles of Economics. 5 hours. Fall, Winter, and Spring Quarters. *Mr. Brooks, Mr. Griffith,* and *Mr. Ellis.*

A description and critical analysis of the organization of modern society from an economic point of view, with a brief introduction to the theory of value and distribution; provided specifically for students in departments other than the College of Business Administration.

55a-b-c. Principles of Economics. 9 hours. (Three hours per quarter.) *Mr. Griffith.*

This course in the Principles and Problems of Economics, required of all Sophomores in the College of Business Administration, is a prerequisite to all advanced courses in Economics and Business Administration. Students transferring from junior colleges who have not had the Principles may find it necessary, because of schedule difficulties, to take Economics 5 instead of Economics 55. In such cases an additional 5 hour course will be necessary in order to complete the total number of economics and business hours required for the degree.

326. Money and Banking. 5 hours. Winter Quarter. *Mr. Cornish.*

An analysis of the banking function; types of banking institutions; the history of American banking; detailed treatment of the Federal Reserve System.

333. American Economic History. 5 hours. Spring Quarter. *Mr. Griffith.*

A survey of American economic development from the colonial period to the present, with emphasis on the economic factors involved in American sectional conflicts and political institutions.

358. World Resources and Industries. 5 hours. Winter Quarter. *Mr. Jenkins.*

A geographical appraisal of economic resources, with special reference to the problems of war and peace.

* On leave.

360. PRINCIPLES OF MARKETING. 5 hours. Prerequisite: Eco. 5 or Eco. 55. Fall Quarter. *Mr. Jenkins.*
Marketing functions, mediums, practices, variations, and appraisal. An interpretation of marketing as a part of our economic system.

361. MARKETING POLICIES. 5 hours. Winter Quarter. *Mr. Jenkins.*
A course in marketing and merchandising policies, dealing, from the qualitative approach, with values rather than with the elementary processes. Industrial marketing, the consumer movement, barriers to interstate trade, product analysis, price making and new legal restrictions, are among the subjects canvassed.

384. SOCIAL SECURITY. 5 hours. *Mr. Segrest.* (Not offered 1944-45)
A survey of the field of social insurance with special emphasis on the Federal Social Security Act. Attention is given to the experience of European countries in this field.

385. PERSONNEL ADMINISTRATION. 5 hours. Prerequisite: Psychology 1. (Not offered 1944-45). *Mr. Segrest.*
The principles and practices in the field of the administration of human relations in industry. A discussion of such problems as worker selection, advancement, job analysis, wages, worker education, health and safety.

394. EUROPEAN ECONOMIC HISTORY. 5 hours. Winter Quarter. *Mr. Griffith.*
A study of the development of the economic aspects of civilization in ancient, medieval, and modern times. Special attention is given to the evolution of economic institutions and the historical background of the economic problems of the present.

406. ECONOMIC THEORY. 5 hours. *Mr. Griffith.* (Not offered 1944-45)
Primary emphasis is given to a study of monopolistic power in industries with special emphasis on the problems of anti-trust legislation, pricing policy, and the growth of rigid elements in the national and international economy.

407. THE HISTORY OF ECONOMIC THOUGHT. 5 hours. *Mr. Griffith.* (Not offered 1944-45)
A review of the history of economic theory. The evolution of the important principles of economics, with emphasis laid on the history of the theories of value and distribution.

434. PUBLIC FINANCE. 5 hours. Fall Quarter. *Mr. Brooks.*
A general consideration of American public expenditures, revenues, and fiscal administration.

436. BUSINESS CYCLES. 5 hours. Fall Quarter. *Mr. Griffith.*
An analysis of the economic and social significance of business fluctuations with a review of the important causes of business cycles and a summary of measures for controlling them. Some attention is devoted to the possibility of business forecasting.

437. COMPARATIVE ECONOMIC SYSTEMS. 5 hours. Spring Quarter. *Mr. Griffith.* (Not offered 1944-45)
An analysis of Capitalism and the alternative systems of Communism, Socialism, Fascism, and National Socialism. Special attention is given to the problems of economic planning.

438. GOVERNMENT AND BUSINESS. 5 hours. Spring Quarter. *Mr. Brooks.*
The history of governmental regulations of business; Constitutional and legal aspects of regulations; government participation in business enterprise; the social implications of business activity.

441. PUBLIC ADMINISTRATION. 5 hours. Fall Quarter. *Mr. Hughes.*
A consideration of the general principles and problems of public administration; the organization of personnel; budgeting, auditing, purchasing and borrowing practices, legislative and judicial relations.

442. COUNTY AND MUNICIPAL ADMINISTRATION. 5 hours. Prerequisite: Eco. 441. Spring Quarter. *Mr. Hughes.*
A detailed study of the principles and problems of municipal and county administration with emphasis upon the administration in Georgia of such functions as public safety, education, public health, charities and corrections, local improvements and finance.

450. MONEY AND CREDIT. 5 hours. Spring Quarter. *Mr. Cornish.*
The course deals with the financial organization of society, money standards, money and prices, and the nature and functions of credit.

452. ECONOMICS OF AMERICAN INDUSTRY. 5 hours. *Mr. Jenkins.* (Not offered 1944-45.)
This course deals with the chief economic characteristics of the leading American manufacturing industries, and with their relations to management, labor, and consumers.

455. Economics of War. 5 hours. Winter Quarter. *Mr. Brooks* and *Mr. Griffith.*

The transition from peace to war; production of war commodities, labor and wage problems, the control of inflation through fiscal policy and price ceilings, financing the war; postwar problems.

459. Economic Geography of the Old World. 5 hours. *Mr. Jenkins.* (Not offered 1944-45)

Economic and regional geography of Europe, Asia, Africa, and Australasia, with a brief survey of the social, political, and historical geography of major regions.

465. Marketing Costs. 5 hours. Spring Quarter. *Mr. Jenkins.*

The task of analyzing, directing, and controlling the outlay for marketing effort. A statement of the basis problems, and of the methods and techniques for testing expense in distributive operations.

466. Economics of Consumption. Prerequisite: Economics 5 or Economics 55a-b-c. 5 hours. *Mr. Jenkins.* (Not offered 1944-45)

A study of how the distribution of income, education, social environment, occupation, home-making skill, personal ambitions, size of family, and other factors influence consumption and limit markets, the difficulties the consumer faces in the purchase of goods and the protection which is provided for his welfare.

Economics 477. Public Utilities. 5 hours. Winter Quarter. *Mr. Griffith.*

A description of the development, characteristics, rights, and duties of Public Utilities with a special emphasis on the problems and regulation of rates, service, securities, holding companies, etc., in the electric utilities. The T. V. A. is given special consideration.

480. International Trade. 5 hours. Fall Quarter. *Mr. Griffith.*

An examination of the economic importance and problems of international trade. An analysis of the theory of international trade is presented as a tool to be used in the consideration of the international problems of exchange rates and monetary standards, tariffs and other trade barriers, debts and the position of international trade in the post war world.

486. Labor Problems. 5 hours. Spring Quarter. *Mr. Cornish.*

A study of wages, working conditions, unemployment, hours, worker's welfare schemes, labor legislation, and labor organizations. Current developments in labor are discussed.

ENGLISH

(Language Building, North Campus)

Head: Wade. Staff: *C. Brown, *W. Brown, Davidson, Dumas, *Eidson, Everett, McWhorter, *Parks, Powell, Tate, *Tison, Walker, *Wall, *West, Vance

2a-b-c. Composition. 9 hours. (3 hours per quarter.) Fall, Winter and Spring Quarters. *English Staff.*

Grammar, punctuation, mechanics, diction, and sentence structure. Themes and parallel reading required.

3. English and American Literature to 1776. 5 hours. Winter Quarter. *English Staff.*

This is a general course in English and American literature designed to give any student a broad knowledge of the subject. It is urgently recommended for students who intend to major in English.

4. English and American Literature After 1776. 5 hours. Spring Quarter. *English Staff.*

See note for English 3 above.

6a-b-c. Reading and Oral and Written Composition. 9 hours. (3 hours per quarter.) Fall, Winter and Spring Quarters. *English Staff.*

Required of students in B.S. Agriculture and Agricultural Engineering and open to certain other students after consultation with instructors.

Note: Composition 2a-b-c and Humanities 1a-b-c are prerequisite to all the following courses. Note recommendations on English 3 and 4 above.

305. Lyric Poetry. 5 hours. Fall Quarter. *Mr. Wade.*

A study of the types, techniques, and interpretations of poems selected from English and American literature.

* On leave.

326. The American Tradition. 5 hours. Fall, Winter and Spring Quarters. *Mr. Wade.*
The background of American thought in American writing. Particular attention will be given to the social and philosophic implications of Edwards, Franklin, Cooper, Poe, Melville, Emerson, Whitman, Mark Twain, Henry Adams, Frost.

343. Comtemporary Drama. 5 hours. Winter Quarter. (In Mr. West's absence this course is given by *Mr. Blair.*)

359. The English Ballad. 5 hours. Fall Quarter. *Mr. Walker* and *Mr. Hodgson,* jointly.
This course concerns itself with both texts and music.

406. The Romantic Movement. 5 hours. Fall Quarter. *Mr. Everett.*
A study of romanticism in the work of the major poets of the early nineteenth century.

429. Southern Literature. 5 hours. Spring Quarter. *Mr. Wade.*
A survey of the intellectual thought and literary achievement in the South, from 1610 to he present time.

440. Shakespeare to 1600. 5 hours. Winter Quarter. *Mr. Walker.*
Romeo and Juliet; A Midsummer Night's Dream; The Merchant of Venice; King Richard the Second; King Henry the Fourth, Part I; Much Ado About Nothing; As You Like It; Hamlet.

441. Shakespeare After 1600. 5 hours. Spring Quarter. *Mr. Walker.*
Twelfth Night; Macbeth; King Lear; Antony and Cleopatra; Coriolanus; The Winter's Tale (or Cymbeline); The Tempest.

442. The Early Victorian Age. 5 hours. Winter Quarter. *Mr. Everett.*
A study of the literature and thought of early Victorian England, particularly the works of Carlyle, Tennyson, and Browning.

452. The Late Victorian Age. 5 hours. Spring Quarter. *Mr. Everett.*
A study of Victorian literature and thought after 1865, particularly the works of Arnold, Ruskin, and Swinburne.

SPEECH

(Language Building, North Campus)

8. Voice and Articulation. 5 hours. Laboratory fee $1.00. Fall, Winter, and Spring Quarters. *Miss Vance.*
Fundamental principles for control and development of the speaking voice and drills for elimination of common speech faults that may prove a social handicap.

50. Public Speaking. 5 hours. Fall, Winter and Spring Quarters. *Miss Vance.*
Elementary study of the principles involved in the preparation and delivery of speeches of various types.

Speech Clinic. Fall, Winter and Spring Quarters. *Miss Vance.*
Laboratory examination, diagnosis, and drills for various types of defective speech. Open to all students of the University. Work arranged by individual appointment. Laboratory fee $1.00.

309. English Phonetics. 5 hours. Prerequisite: Speech 8. Spring Quarter. *Miss Vance.*
A study of the International Phonetic Alphabet and characteristics of English intonations with sectional and dialectic variants. This study offers the analysis of English sounds that is necessary to the correction of all articulatory defects. Laboratory required.

310. Speech Correction. 5 hours. Prerequisite: Speech 8. Spring Quarter. *Miss Vance.*
Designed to help teachers with the diagnosis and treatment of minor articulatory and vocal defects. Laboratory required.

350. Argumentation. 5 hours. Winter Quarter.
Elementary principles of argument, logic, debate, and public discussion.

386. Oral Interpretation of Literature. 5 hours. Prerequisite: Speech 8. Fall Quarter. *Miss Vance.*
Fundamental principles of analysis, phrasing and emphasis. Developmemnt of vocal skills demanded in meaningful oral reading of lyric and narrative literature.

396. Dramatic Interpretation. 5 hours. Prerequisite: Speech 8. Winter Quarter. *Miss Vance.*

Appreciation of drama and development of oral reading skills through the study and presentation of Browning's dramatic monologues and original adaptations of one play from each of the following: Shakespeare, Ibsen, Wilde, Shaw, O'Neill, and Maxwell Anderson.

GEOGRAPHY

(Meigs Hall, North Campus)

Head: E. S. Sell.

1. Principles of Geography. 5 hours. (Not offered 1944-45)

A general survey course dealing with the fundamental principles of modern geography. The interpretation and use of maps will be studied and place geography will be emphasized through the use of outline maps.

301. Geography. 5 hours. Room 20. Fall and Spring Quarters. *Mr. Sell.*

This course deals with natural features and resources of the earth. The distribution of climates and land forms with relation to population densities will be stressed. The extensive use of essential maps will be used.

302. Geography. 5 hours. Room 20. Winter Quarter.

Man's use of the earth's resources is the dominant theme in this course. It will include transportation facilities and the major regional forms of utilization of the earth's resources.

351. Regional Geography. 5 hours. Room 20. Fall, Winter and Spring Quarters. *Mr. Sell.*

The first part of the course presents a general analysis of the interaction between mand and his physical environment. The second part deals with regional geography but the relationships involve world economic geography.

352. Geography of North America. 5 hours. (Not offered 1944-45.)

A regional study of North America in which climate, land forms, and natural resources are related to the development of the region. Topographic, climatic, and regional outline maps are used in this course.

375. Elementary Meteorology. 5 hours. Room 20. Winter Quarter. *Mr. Sell.*

This course includes a study of winds, atmospheric pressure areas, storms, weather, climate, and weather forecasting. Air masses are studied in detail as a factor in understanding atmospheric conditions. Meteorology is useful to aviators and many others entering the armed forces.

401. Climatology. 5 hours. (Not offered 1944-45)

An intensive course dealing with climatic controls as well as factors involved in determining types of climate. Emphasis will be placed on the features of the climate in the United States.

453. Geography of Latin America. 5 hours. Room 20. Fall and Spring Quarters. *Mr. Sell.*

A regional study of South America in which climate, land forms, and natural resources are related to the development of the region. Topographic, climatic and regional outline maps are used in this course.

GERMAN

(Language Building, North Campus)

Head: *Terry. Acting Head: DuBose. Staff: Morris.

101. Elementary German. 5 hours. Fall, Winter and Spring Quarters. *Mr. Morris* and *Mr. DuBose.*

The first half of a double course, German 101-102. Correct pronunciation demanded. Conversation. Sufficient grammar taught to enable one to read about sixty pages of easy German.

102. Elementary German. 5 hours. Winter and Spring Quarter. *Mr. Morris* and *Mr. DuBose.*

This course must be completed to receive any German credit. Grammar is continued. Conversation. Reading related, during the war, to military German.

*On leave to Romance Language Department.

103. GERMAN. 5 hours. Prerequisite: German 101-102. Fall and Spring Quarters.
German grammar completed. A great deal of conversation. Reading adapted to the needs of the student.

304. ADVANCED GERMAN. 5 hours. Prerequisite: German 103. Fall and Winter Quarters. *Mr. Morris* or *Mr. DuBose.*
Extensive readings in modern German prose, with particular emphasis on German history and culture. Conversation on topic of daily life.

305. ADVANCED GERMAN. 5 hours. Prerequisite: German 304. Winter and Spring Quarters. *Mr. Morris* or *Mr. DuBose.*
History of German literature. Frequent conversations.

306. SCIENTIFIC GERMAN. 3 hours. Prerequisite: German 103. Winter and Spring Quarters. *Mr. Morris* or *Mr. DuBose.*
Readings in chemical German.

307. SCIENTIFIC GERMAN. 3 hours. Prerequisite: German 103. Spring Quarter. *Mr. Morris.*
Readings in medical and biological German.

432. EINFUEHRUNG IN DIE WERKE GOETHES. 3 hours. Prerequisite: German 305. Winter Quarter. *Mr. Morris.*
Study of Goethe's life. Readings from his poems and dramas.

433. GOETHES FAUST. 3 hours. Prerequisite: German 305. Spring Quarter. *Mr. Morris.*
Readings and interpretation of Part 1 of the Faust.

435. LESSING AND HIS CONTEMPORARIES. 3 hours. Prerequisite: German 305. Fall Quarter. *Mr. DuBose.*
Lessing's Minna von Barnhelm, and Nathan der Weise are carefully read. Lessing's life and the history just preceding him is studied.

437. SCHILLER AND HIS CONTEMPORARIES. 3 hours. Prerequisite: German 305. *Mr. DuBose.*
Maria Stuart, and William Tell are read. Schiller's life and the classic period of German literature is thoroughly studied.

GREEK

(See Classics)

HISTORY

(Academic Building, North Campus)

Head: Coulter*. Staff: Brandon, McPherson, Martin, Thaxton

4. CONSTITUTIONAL HISTORY OF ENGLAND. 5 hours. *Mr. Martin.* (Not offered 1944-45)
Britain to 1689, and the development of the cabinet and the British Empire.

124. ENGLISH HISTORY TO 1603. 3 hours. *Mr. Martin, Mrs. Brandon.* (Not offered 1944-45)
The English political, social, economic, and cultural background as an introduction to the contemporary world. History 124, 125, 126 form a sequence of courses. Recommended for students who expect to major in European or English History.

125. ENGLAND IN THE SEVENTEENTH AND EIGHTEENTH CENTURIES. 3 hours. *Mr. Martin, Mrs. Brandon.* (Not offered 1944-45)
A continuation of History 124.

126. WORLD HISTORY IN THE NINETEENTH AND TWENTIETH CENTURIES. 3 hours. *Mr. Martin, Mrs. Brandon.* (Not offered 1944-45)

151. AMERICAN HISTORY TO 1801. 3 hours. Fall Quarter. *Mr. Martin, Mrs. Brandon.*
A general course in American history. History 151, 152, 153 form a sequence of courses. Recommended for students who wish to major in American History or Political Science.

* On leave.

1944-45

152. The United States, 1801-1877. 3 hours. Winter Quarter. *Mr. Martin, Mrs. Brandon.*
A continuation of History 151.

153. The United States Since 1877. 3 hours. Spring Quarter. *Mr. Martin, Mrs. Brandon.*
A continuation of History 152.

302. European History, 1500-1763. 5 hours. Winter Quarter. *Mr. Thaxton.*
Courses numbered 477, 302, 303, 304 form a sequence, but any one of the four may be elected.

303. Modern Europe, 1763-1848. 5 hours. Fall Quarter. *Mr. Thaxton.* (Not offered 1944-45.)

304. Recent European History, 1848 to the Present. 5 hours. Spring Quarter. *Mr. Thaxton.*

305. Problems of Modern Britain. 5 hours. Spring Quarter. *Mrs. Brandon.*

310. History of the Far East. 5 hours. Fall Quarter. *Mr. Martin.*
This course is a basic survey of all the Oriental countries, and the background history of the part these Nations are playing in the Second World War.

376. The World at War Beginning 1939. 5 hours. Winter Quarter. *Mrs. Brandon.*

405. Constitutional History of the United States. 5 hours. Spring Quarter. *Mr. McPherson.*

451. The American Colonies. 5 hours. Fall Quarter. *Mr. McPherson.*

452. The Revolution, the Confederation, and the Federalist Period, 1775-1801. 5 hours. Winter Quarter. *Mr. McPherson.*

453. The Middle Period of American History, 1801-1860. 5 hours. Spring Quarter. *Mr. McPherson.*

454. The Civil War. 5 hours. Winter Quarter. *Mr. Martin.*

455. The Reconstruction Period. 5 hours. *Mr. Coulter.* (Not offered 1944-45)

456. Recent American History. 5 hours. Spring Quarter. *Mr. Martin.*

457. The Ante-Bellum South. 5 hours. Fall Quarter. *Mr. Martin.*

458. American Ideals in Foreign Affairs. 5 hours. *Mr. Martin.* Fall and Spring Quarters.
A course designed to acquaint the student with the part the United States has played in its relations with other nations and to show the contributions it has made in promoting international morality and the ideals of American democracy abroad.

459. History of Georgia. 5 hours. Fall Quarter. *Mr. Coulter.* (Not offered 1944-45)

471. The French Revolution, 1789-1799. 5 hours. Winter Quarter. *Mr. Thaxton.*

472. Napoleonic Times, 1799-1815. 5 hours. Spring Quarter. *Mr. Thaxton.*

473. Tudor Times, 1485-1603. 5 hours. Fall Quarter. (Not offered 1944-45)

474. Stuart Times, 1603-1689. 5 hours. Winter Quarter. (Not offered 1944-45)

475. Modern Britain, 1689-1943. 5 hours. Spring Quarter. (Not offered 1944-45)

477. Medieval History. 5 hours. Fall Quarter. *Mr. Thaxton.*

491. The Colonial Latin American Colonies to 1823. 5 hours. Fall Quarter. *Mr. Thaxton.*

492. The Latin American Republics Since 1823. 5 hours. Winter Quarter. *Mr. Martin.*

800. Historical Method. No credit. Fall Quarter. *Mr. Martin.*
Required of all students majoring in history.

801. Seminar in Southern History. Winter and Spring Quarters. *Mr. Coulter, Mr. Martin.* (Not offered 1944-45)

HUMAN BIOLOGY

(LeConte Hall, North Campus)

Given under the general direction of the Chairman of the Biological Science Division.

1-2. Human Biology. Double course. 10 hours. (5 hours per quarter) Four lecture and one recitation period. Fall and Winter, and Winter and Spring Quarters. *Mr. Boyd, Mr. Nuttycombe, Mr. Odum.*
The aim of this course is to give the student some acquaintance with vital phenomena in general and their application to the human organism. The first half of the course will deal particularly with the problems of the individual. Its subject matter will include an introduction to the fundamental facts of biology, human anatomy, and physiology and the maintenance of health in the individual. The second half will deal with the problems of the racial life of man. In this phase of the course will be included studies of public health problems, reproduction, genetics and eugenics, and racial development.

HUMANITIES SURVEY

(Language Building, North Campus)

Given under the general direction of the Chairman of the Language-Literature Division.

1a-b-c. Humanities Survey. 9 hours (3 hours per quarter). Prerequisite: English 2a-b-c or equivalent. Fall, Winter and Spring Quarters.
This course includes material from English literature, ancient and modern foreign literatures, and the fine arts, such as music, painting, sculpture and architecture.

LANDSCAPE ARCHITECTURE

(Landscape Architecture Building, North Campus)
Head: Owens. Staff: Wier.

11. Elements of Architecture. 5 hours. Five laboratory periods. Fall Quarter. *Mr. Owens.*
A study of architectural drafting with emphasis placed on use of the instruments, lettering and simple problems in design.

12. Introductory Landscape Design. 5 hours. Five lecture or laboratory periods. Prerequisite: Landscape Architecture 11. Winter Quarter. *Miss Wier.*
Deals wih elementary design as applied to small properties, small estates, civic centers and the like.

13. Landscape Design. 3 hours. Three laboratory periods. Prerequisite: Landscape Architecture 12. Fall and Spring Quarters. *Mr. Owens.*
Problems in advanced design, involving designing and rendering of plans, model making for country estates, state parks, etc.

14. Architectural Design. 3 hours. Three laboratory periods. Fall Quarter. *Mr. Owens. Miss Wier.*
An abstract approach to the general field of design through architectural principles with emphasis placed on drafting, lettering and simple design problems.

55. Architectural Drafting and Perspective. 5 hours. Five laboratory periods. Fall, Winter and Spring Quarters. *Mr. Owens* and *Miss Wier.*
A course dealing with the elements of architectural drafting (pencil and ink) in which mechanical perspective is emphasized. The course also includes lettering; use of scale; preparation of plans, elevations and construction drawings.

70. HISTORY OF LANDSCAPE ARCHITECTURE. 3 hours. Three lecture periods. Fall and Spring Quarters. *Mr. Owens.*

Deals with the history of gardening from Italian Renaissance to the present time, with particular attention to its development in the South.

71. THEORY OF LANDSCAPE ARCHITECTURE. 3 hours. Three lecture periods. Winter Quarter. *Mr. Owens.*

Theory of design principles as applied in landscape architecture.

350. CONSTRUCTION. 5 hours. Prerequisite: Landscape Architecture 13. Fall Quarter. *Mr. Owens.*

Typical problems in landscape construction; preparation of grading and master plans; quantity and cost estimates; construction details for such elements as garden shelters, pools, walls, fences, gates, walks, steps, etc. Also study of selected designs, examination of completed work and, when possible work under construction.

351. PLANT MATERIALS. 5 hours. Fall Quarter. *Mr. Owens.*

A study of plant materials ued in landcape architecture dealing with trees and shrubs.

352. PLANT MATERIALS. 5 hours. Three laboratory periods. Spring Quarter. *Mr. Owens.*

A study of plant materials used in landscape architecture, dealing with flowers, perennials, and grasses.

353. CITY PLANNING. 6 hours. Three laboratory periods. Spring Quarter. *Miss Wier.*

Deals with brief history of city planning as affects the modern problems, with special attention devoted to zoning and regional planning.

354. PLANTING DESIGN. 5 hours. Five lecture or laboratory periods. Prerequisite: Landscape Architecture 353a-b. Winter Quarter. *Mr. Owens.*

Deals with problems which aim to train the student to produce with plants and other landscape materials practical and aesthetically effective results.

355. LANDSCAPE THESIS. 5 hours. Five lecture or laboratory periods. Prerequisite: Landscape Architecture 353a-b. Spring Quarter. *Mr. Owens.*

A problem will be assigned the student, who will be expected to design the property and submit completed plans and construction reports of the same. The hours of the course will be arranged.

356-b. LANDSCAPE DESIGN. 6 hours. Three laboratory periods with criticism and lectures. Prerequisite: Landscape Architecture 13. Fall and Winter Quarters. *Miss Wier.*

Problems in advanced landscape design; rendering of plans for city and state parks, recreational areas, athletic fields and school grounds.

357a-b. LANDSCAPE DESIGN. 6 hours. Three laboratory periods with criticism and lectures. Prerequisite: Landscape Architecture 356-b. Fall and Winter Quarters. *Miss Wier.*

Problems in advanced landscape design; rendering of plans for residential subdivisions, community design, golf and country clubs, cemeteries, etc.

358. ELEMENTARY CONSTRUCTION. 3 hours. Winter and Spring Quarters. *Mr. Owens.*

A survey of the various aspects and principles of landscape construction; materials, their characteristics and uses; interpretation of topographic maps; elementary grading plans, drainage and irrigation; methods of calculating quantities of earthwork and other materials; roads in relation to topography; office practice; contracts and specifications; cost estimates and reports.

359. ARCHITECTURAL PROJECTIONS. 5 hours. Five laboratory periods. Fall, Winter and Spring Quarters. *Miss Wier.*

A course dealing with projections; instrumentation; intersections; conventions; shades and shadows; oblique, isometric, and perspective drawings.

360. HISTORY OF ARCHITECTURE. 5 hours. Four lectures and one laboratory period. Winter Quarter. *Mr. Owens.*

Egyptian, Greek, Roman, Byzantine, Romanesque, Gothic, Renaissance, Tudor, Georgian, Early American and Modern Architecture, with special emphasis on domestic architecture and on those styles which have been most popular in America for residences and public buildings.

370. HISTORY AND APPRECIATION OF LANDSCAPE ARCHITECTURE. 5 hours. Five lecture periods. Especially designed as an elective for students not

majoring in landscape architecture. Fall, Winter and Spring Quarters. *Mr. Owens.*

A study of the elements of landscape architecture. The course deals with the history of gardening, with particular attention devoted to its development in the South, and the application of landscape design to outdoor areas, including the small home, park, cemetery, farmstead, estate, etc.

LATIN

(See Classics)

MATHEMATICS

(Academic Building, North Campus)

Head: Stephens. Staff: Barrow, Beckwith, Callaway, Cumming, Hill, Strahan.

All courses in Mathematics are given on N. Campus in Rooms 204, 205, 207, 212 of the Academic Building.

1. TRIGONOMETRY AND ALGEBRA. 5 hours. N. Campus. (Not given 1944-45)

An elemenary course in trigonometry and algebra. (This course is not open to those who have had Mathematics 20.)

2. ANALYTICAL GEOMETRY. 5 hours. Prerequisite: Mathematics 4 or 20 or 30. Spring Quarter. *Mr. Hill.*

A beginning course in analytics, including the straight line, the circle, and conics.

4. INTERMEDIATE ALGEBRA. 5 hours. Fall, Winter and Spring Quarters. *Staff.*

This course covers the elementary topics of college algebra. It is not open to students who have had Mathematics 1.

20. FRESHMAN MATHEMATICS. 5 hours. Fall, Winter and Spring Quarters. *Miss Callaway.*

A beginning course in algebra, statistics, finance, and trigonometry.

21. TRIGONOMETRY AND ANALYTICS. 5 hours. Prerequisite: Mathematics 20. Winter Quarter. *Miss Callaway.*

This course takes up those parts in plane trigonometry not covered in Mathematics 20, and also includes analytics through the circle. Not open to those with credit for Mathematics 1 or 2 or 30.

30. TRIGONOMETRY. 5 hours. Fall, Winter and Spring Quarters. Staff. (This course is not open to those who have had Mathematics 1.)

A course in plane trigonometry, with special emphasis on logarithms and numerical calculations.

304. COLLEGE ALGEBRA. 5 hours. Prerequisite: One other course in college mathematics. Spring Quarter. *Mr. Stephens.* (This course is not open to those who have had Mathematics 4.)

A study of complex numbers, theory of equations, permutations and combinations, probability, and determinants.

331. SPHERICAL TRIGONOMETRY. 5 hours. Prerequisite: Plane Trigonometry. *Miss Callaway.*

A thorough study of the spherical triangle with special attention to the needs of those who may enter the naval or air service.

354. CALCULUS. 5 hours. Prerequisite: Mathematics 21 or 2. Fall and Winter Quarters. *Mr. Barrow* and *Mr. Stephens.*

A beginning course in the differential Calculus with a few simple applications of the integral calculus. This is not open to students who have had Mathematics 3.

355. CALCULUS. 5 hours. Prerequisite: 354. Winter Quarter. *Mr. Barrow.*

This is a second course in calculus, including both integral and differential with applications.

356. STATISTICS. 5 hours. Prerequisite: One other course in college mathematics. Fall, Winter and Spring Quarters. *Mr. Barrow* and *Mr. Cumming.*

An elementary course in statistics.

357. ADVANCED STATISTICS. 5 hours. Prerequisite: Mathematics 356. Winter Quarter. *Mr. Cumming.* (Not given 1944-45)
This course deals more intensively with certain subjects discussed in Mathematics 356. It includes also curve fitting, frequency distributions, sampling and statistical induction, partial and multiple correlation, analysis of time series, and sources of material.

361. INVESTMENT. 5 hours. Prerequisite: Same as for Mathematics 356. Spring Quarter. *Mr. Stephens* and *Mr. Cumming.*
This course includes interest, annuities, sinking funds, insurance, and bonds.

401. DIFFERENTIAL EQUATIONS. 5 hours. Prerequisite: Mathematics 355. Spring Quarter. *Mr. Stephens* or *Mr. Barrow.*
Elementary differential equations with applications to geometry and physics.

402. VECTOR ANALYSIS. 5 hours. Prerequisite: Mathematics 355. Winter Quarter. *Mr. Stephens* or *Mr. Barrow.*
A study of vector methods and their physical applications.

403. PROJECTIVE GEOMETRY. 5 hours. Prerequisites: Three to five courses in college mathematics. Fall Quarter. *Mr. Stephens* or *Mr. Barrow.*
Projection and section, projectivities as applied to forms of the second order.

406. ADVANCED ANALYTICS. 5 hours. Prerequisite: Mathematics 355. Winter Quarter. *Mr. Stephens* or *Mr. Barrow.*
This course develops a system of trilinear coordinates with applications of analytical methods to geometrical problems.

407. ADVANCED STATISTICS. 5 hours. Prerequisite: Mathematics 356. Spring Quarter. *Mr. Cumming.*
This course deals with the normal curve and the coefficient of correlation.

411. THEORY OF EQUATIONS. 5 hours. Prerequisite: Mathematics 355. Fall Quarter. *Mr. Barrow* or *Mr. Stephens.*
This course covers the usual topics, such as cubic and quartic equations, solutions of numerical equations, determinants.

412. COLLEGE GEOMETRY. 5 hours. Prerequisite: Three to five courses in college mathematics. Winter Quarter.
This is an advanced course in geometry.

MUSIC

(Fine Arts Building, North Campus)

Head: Hodgson. Staff: *McDowell, Kimble, Smith, Warner.

1. SIGHT SINGING AND DICTATION. 5 hours. Prerequisite: Music 2 or examination. Winter Quarter.
Subject matter course.

2. ELEMENTS AND THEORY OF MUSIC. 5 hours. Fall Quarter.
Training in the observation of the elements of music and of musical form. Basic material designed for public school grade teachers who have had no previous training in music.

3. APPRECIATION OF MUSIC. One lecture recital per week. Open to the public. 3 hours. (One hour each quarter.) Fall, Winter, Spring and Summer Quarters. *Mr. Hodgson.*
Credit given only to students taking another theoretical music course.

22. HISTORY OF MUSIC. 5 hours. Spring Quarter. *Mr. Hodgson* and *Miss Kimble.*
A literary course not requiring special technical skill.

31. ELEMENTARY HARMONY. 5 hours. Prerequisite: Ability to read music notation. Spring Quarter. *Miss Kimble.*
The grammar of music through secondary sevenths. Close and open harmony employed in exercises. Figured bass and harmonization of melodies.

32a-b. ADVANCED HARMONY. 6 hours. (3 hours per quarter.) Prerequisite: Music 31. Fall and Winter Quarters. *Miss Kimble.*
From secondary sevenths through "Harmony". Small original compositions.

* On leave.

33. KEYBOARD HARMONY. 3 hours. Prerequisite: Music 32a-b. Spring Quarter. *Miss Kimble.* A practical application at the keyboard of music theory.

43. LISTENER'S HISTORY OF MUSIC. 3 hours. Fall, Winter and Spring. Quarters. *Mr. Hodgson* and *Staff.*

For the student untrained musically, who wishes to acquire an intelligent appreciation of the art. This course is especially designed in conjuncion with the three-hour art appreciation course (Art 17) under Mr. Dodd. Required of all students prepared to teach in the public schools of the state.

302. METHODS OF TEACHING PUBLIC SCHOOL MUSIC AND SIGHT SINGING. 5 hours. Fall and Spring Quarters. *Miss Smith.*

Methods course.

312. PUBLIC SCHOOL MUSIC FOR THE ELEMENTARY GRADES. 5 hours. Prerequisite: Music 302. Winter and Spring Quarters. *Miss Smith.*

313. MUSIC IN THE JUNIOR AND SENIOR HIGH SCHOOLS. 5 hours. Fall and Winter Quarters. *Miss Smith.*

314-315. SUPERVISED TEACHING OF PUBLIC SCHOOL MUSIC. 5 hours. Prerequisite: Music 302-312.

340. DEVELOPMENT OF THE OPERA. 3 hours. Fall Quarter. *Mr. Hodgson.*

341. DEVELOPMENT OF THE OPERA. 3 hours. Winter Quarter. *Mr. Hodgson.*

A general literary course in appreciation of the entire field of opera. Illustrations from selected scores played in class. Not open to students who have had 350.

350. DEVELOPMENT OF THE OPERA. 5 hours. Fall Quarter. *Mr. Hodgson.*

A general literary course in the appreciation of the entire field of opera. Illustrations from selected scores played in class. Not open to students who have had 340 and 341.

351. MUSIC AND LITERATURE. 5 hours. Winter Quarter. Language and Literature Building and Fine Arts Building. *Mr. Brown.* (Not offered in 1944-45)

A comparative study of the forms, relationships, and aesthetics of music and literature. Admission by consent of the instructor.

353. HISTORY OF PIANO LITERATURE. 3 hours. Spring Quarter. *Mr. Hodgson* or *Miss Kimble.*

359. ENGLISH FOLK SONG. 5 hours. Fall Quarter. N. Campus. Fine Arts Building and Literature Building. *Mr. Walker* and *Mr. Hodgson.*

370. ANALYSIS AND FORM. 5 hours. Prerequisites: Music 31 and 32a-b. Spring Quarter. *Mr. Hodgson.*

Harmonic and polyphonic forms analyzed. Special stress given sonata form and Bach's "Well Tempered Clavichord." Students encouraged to write originally in forms thus analyzed.

371. COUNTERPOINT. 5 hours. Prerequisites: Music 31, 32a-b, 370. Spring Quarter. *Mr. Hodgson.*

373. ADVANCED SIGHT SINGING AND DICTATION. 5 hours. Prerequisite: Music 1. Winter Quarter.

422. WAGNER'S MUSIC DRAMAS. 3 hours. Prerequisite for graduate credit: Music 22 or equivalent and two music courses numbered 200-399. Spring Quarter. *Mr. Hodgson.*

A course of literary and cultural value, concentrating on a detailed study of the plots and themes of all the Wagner operas, with scores played in class.

456. BACH-BEETHOVEN-BRAHMS. 3 hours. Prerequisite for graduate credit: Music 22 or equivalent, and two music courses numbered 200-399. Winter Quarter. *Mr. Hodgson.*

A detailed study of the three composers, with their masterpieces performed in class.

457. BEETHOVEN SYMPHONIES 3 hours. Prerequisite for undergraduate credit: Music 22 or equivalent, Music 31, and two music courses numbered 200-399. Winter Quarter. *Mr. Hodgson* and *Miss Kimble.*

A detailed study of the nine symphonies of Beethoven.

460-461. Modern Music. 6 hours. (3 hours per quarter.) Prerequisite for graduate credit same as for Music 457. Fall and Winter Quarters. *Mr. Hodgson* or *Miss Kimble.*

A literary course illustrating modern trends in music of Schonberg, Stravinstky Bartok, Scriabin, etc.

875. Research Seminar. 10 hours. Prerequisite: Music 359. Georgia Folk Music. Collecting native songs and musical material. (Students urged to use two years for this course.)

Practical Courses in Music. The following are offered to enable the talented students who wish to devote a large amount of time to practical work to receive a limited amount of credit. Therefore, no such credit is allowed on courses of this nature transferred from other institutions. The maximum amount of credit allowed on any degree for this work is 20 quarter hours (only 5 quarter hours a year).

81. 5 hours. Two half-hour private lessons per week for three quarters. One and one-half hours practice per day. Laboratory fee course.

82. 5 hours. Prerequisite: Music 81. Laboratory fee course.

383. 5 hours. Prerequisites: Music 81 and 82. Laboratory fee course.

384. 5 hours. Prerequisites: Music 81, 82, 383. Laboratory fee course.

Extra curricular practical courses in piano technique, piano keyboard harmony, and ensemble playing are given to students without fee.

PHILOSOPHY

(Language Building, North Campus)

Acting Head: Mallary.

304. Introduction to Philosophy. 5 hours. Fall, Winter and Spring Quarters. *Mr. Mallary.*

A course in the fundamentals of philosophy, the vocabulary of philosophy, and the relation of philosophy to science, art, literature, religion, and other fields of knowledge.

305. General Ethics. 5 hours. Spring Quarter. *Mr. Mallary.*

A study of philosophy in its bearing to human conduct.

356. History of Philosophy, Ancient and Medieval. 5 hours. Winter Quarter. *Mr. Mallary.*

357. History of Philosophy, Modern. 5 hours. Spring Quarter. Prerequisite: Phil. 304 or Phil. 356. *Mr. Mallary.*

358. Modern Logic. 5 hours. Fall Quarter on N. Campus. *Mr. Mallary.*

A study of the art of accurate thinking, including induction, deduction, the syllogism, and the contribuions of symbolic logic.

402. Philosophy of History. 5 hours. Prerequisite: Phil. 304. (Not offered 1944-45)

408. Philosophy of Religion. 5 hours. Fall and Winter Quarters. Mr. *Mallary.*

A non-sectarian study of Western religious philosphies; such as, Judaism, Catholicism; the influence of Greek philosophy; Protestantism (Fundamentalism and Modernism); the Religion of Science; Agnosticism; Ethical Idealism; Humanism; and other lesser movements.

409. Literature of Ancient and Medieval Philosophy. 5 hours. Fall Quarter. *Mr. Mallary.*

A course in the writings of great philosophers of ancient and medieval times.

410. Literature of Modern and Contemporary Philosophy. 5 hours. Prerequisite: Phil. 304 or Phil. 356. Winter Quarter. *Mr. Mallary.*

A course in the writings of prominent philosophers, modern and contemporary.

411. Aesthetics (Philosophy of Art). 5 hours. (Not offered 1944-45)

PHYSICAL SCIENCE SURVEYS

Given under the general direction of the Chairman of Physical Science Division.

1. PHYSICAL SCIENCE. 5 hours. Fall, Winter and Summer Quarters, Room 201, Physics Building. *Physics Staff.*

A survey, the objectives of which are: (1) to give an elementary knowledge of the most fundamental facts, laws, theories, and hypotheses of physics and astronomy and the main practical applications of these sciences in our daily lives; (2) to give some idea of the meaning and value of the scientific method and how physical science has modified man's way of thinking and manner of living.

2. PHYSICAL SCIENCE. 5 hours. Winter, Spring and Summer Quarters. Terrell Hall. *Chemistry* and *Geology Staffs.*

A brief survey of some fundamentals and applications of the sciences of Chemistry and Geology.

PHYSICS AND ASTRONOMY

(Physics Building, North Campus)

Head: Dixon. Staff: Hendren, Henry, H. F., Henry, R. G.

20. PHYSICS SURVEY. 5 hours. Fee $2.50. Fall, Winter, Spring and Summer Quarters. Not open to students who have credit for Physical Science I. *The Staff.*

An elementary survey of the fundamentals of physics, with a study of some of the simpler applications of physics. The laboratory period of two hours per week will be devoted to measurements designed to give an introduction in laboratory methods.

26. GENERAL PHYSICS—HEAT, SOUND, AND LIGHT. 6 hours. Prerequisite: Physical Science I. Fee $2.50. Fall, Winter and Summer Quarters. Room 203. *The Staff.*

A college course in that part of physics dealing with the fundamental laws of heat, light and sound. It will consist of four recitation hours and four laboratory hours per week. Physical Science I students should take this course instead of Physics 28.

27. GENERAL PHYSICS—MECHANICS. 5 hours. Prerequisite: Physics 20 or its equivalent. Fee $2.50. Fall, Spring and Summer Quarters. Room 203. *The Staff.*

A college course in that part of physics dealing with the fundamental laws of mechanics. It will consist of four hours of recitation and two hours of laboratory work per week.

28. GENERAL PHYSICS—HEAT, SOUND, AND LIGHT. 5 hours. Prerequisite: Physics 20 or its equivalent. Fee $2.50. Fall, Winter and Summer Quarters. Room 203. *The Staff.*

A college course in that part of physics dealing with the fundamental laws of heat, sound and light. It will consist of four hours of recitation and two hours of laboratory work per week. Physical Science I students should take Physics 26 rather than this course.

329. GENERAL PHYSICS—ELECTRICITY AND MODERN PHYSICS. 5 hours. Prerequisites: Physics 20 or its equivalent and either Physics 27 or Physics 28. Fee $2.50. Winter, Spring and Summer Quarters. Room 203. *The Staff.*

A college course in that part of physics dealing with the fundamental laws of electricity and the newest development in the general field of physics. It will consist of four hours of recitation and two hours of laboratory work per week.

332. EXPERIMENTAL ELECTRICITY. 5 hours. Prerequisite: Physics 329. Fee $2.50. Fall and Summer Quarters. Room 104. *Mr. Dixon.*

A course of intermediate grade in electrical measurement. Three hours of recitation and four hours of laboratory work per week.

333. SOUND AND LIGHT. 5 hours. Prerequisite: Physics 26 or Physics 28. Fee $2.50. Winter Quarter, Room 107. *Mr. Hugh Henry.*

An intermediate course stressing experimental work on reflection, refraction, interference, diffraction, and polarization of light. Three hours of recitation and four hours of laboratory work per week.

334. THERMODYNAMICS AND KINETIC THEORY. 5 hours. Prerequisite: Physics 27, Physics 28. Winter Quarter. Room 104. *Mr. Gilbert Henry.*

A study of the laws of thermodynamics and their applications in the fundamental concepts of physics with an introduction to statistical theories as applied to the behavior of gases. Five hours of recitation and no laboratory work.

370. PRINCIPLES OF PHOTOGRAPHY. 5 hours. Prerequisite: Physical Science I, Physics 20, or the equivalent. Fee $2.50. Breakage fee $5.00. Spring Quarter. Room 107. *Mr. Long.*

An elementary approach to the problems of cameras, exposures, developing, contact printing, enlargements, and color photography. Two hours of recitation and six hours of laboratory work. The two hours of recitation for Journalism students will be given by the School of Journalism; and for other students the two hours of recitation will be given by the Physics Department.

380. ELECTRONICS. 5 hours. Prerequisites: Physical Science I, Physics 20, or the equivalent and Mathematics 20 or its equivalent. Fee $2.50. Winter Quarter. Room 104. *Mr. Hugh Henry.*

A study of the sources, methods of control and the applications of electrons. Two hours of recitation and six hours of laboratory work per week. This is a practical course rather than a theoretical one; it is designed primarily for students who expect to make practical applications of their knowledge of electronics.

391. ASTRONOMY. CELESTIAL NAVIGATION. 5 hours. Prerequisite: Plane Trigonometry. Three lectures and two laboratory periods per week. Laboratory fee $2.50. *Mr. Hendren.*

A war emergency course designed to meet the needs of students contemplating entering the navy, army or navy air forces. Practice will be given in plotting and using charts, in using the mariners and airplane sextants and in the determination of latitude and longitude by the standard methods now in use in the armed services.

404. THEORETICAL MECHANICS. 5 hours. Prerequisites: Physics 27, Physics 26 and 28 and Mathematics 354. Fall Quarter. Room 104. *Mr. Hendren.*

The material presented includes advanced fundamental concepts of mechanics with special emphasis placed on the importance of mechanical principles in their applications to all the fields of physics. Five hours or recitation and no laboratory work.

471. ADVANCED ELECTRICITY AND MAGNETISM. 5 hours. Prerequisites: Physics 332 and Mathematics 354. Winter Quarter. Room 104. *Mr. Dixon.*

This is a course designed to give the student an introduction to the science of electricity and magnetism in its theoretical aspects. Five hours of recitation and no laboratory work.

472. ATOMIC STRUCTURE. 5 hours. Prerequisites: Physics 471 and Mathematics 355 as a parallel course if not previously taken. Spring Quarter. Room 104. *Mr. Hendren.*

This course is designed to introduce the students to the structure of atoms as it has been inferred from the study of experimental data on natural radioactivity, induced radioactivity, electromagnetic radiations, and ionization. Five recitation periods per week and no laboratory work.

481. ADVANCED LIGHT. 5 hours. Prerequisites: Physics 333 and Mathematics 355. Spring Quarter. Room 104. *Mr. Hugh Henry.*

This is an advanced development of the wave theory of light with an introduction to the Old Quantum Theory and the New Wave Mechanic as applied to spectral analysis. The main emphasis of this course is on spectroscopy, studying the experimental and theoretical results in this field. Five hours of recitation per week and no laboratory work.

POLITICAL SCIENCE

(Academic Building, North Campus)

Head: *Pound. Acting Head: Howard. Staff: Bocock, Hughes, McPherson, Saye

1. AMERICAN GOVERNMENT. 5 hours. Fall, Winter and Spring Quarters. *Staff.*

An introductory course covering the essential facts of federal, state and local government in the United States. Not a prerequisite, but students wishing to take advanced courses in political science are advised to elect this course or Political Science 101. A

* On leave.

satisfactory grade will exempt and studnet from the requirement of passing an examination on the Constitution of the United States and the Constitution of Georgia before graduation.

101a-b-c. AMERICAN GOVERNMENT. 9 hours (three hours per quarter). Fall, Winter and Spring Quarters. *Staff.*

An introductory course covering the essential facts of federal, state and local government in the United States. This course is similar to Political Science 1 but on a more extensive scale. Not open to students with credit for Political Science 1.

307. COMPARATIVE GOVERNMENTS. 5 hours. Spring Quarter. Administration Building. *Mr. Hughes.*

A study of the principles and forms of organization of the governmental systems of the world, with especial reference to the European governments.

367. STATE GOVERNMENT AND ADMINISTRATION. 5 hours. Fall Quarter. *Mr. Hughes.*

A study of the organization, functions, annd operation of state government in the United States with particular emphasis on the government of the State of Georgia. Exempts the student from the requirement of passing an examination on the Constitution of the United States and the Constitution of Georgia before graduation.

368. LOCAL GOVERNMENT AND ADMINISTRATION. 5 hours. Winter Quarter. *Mr. Hughes.* (Not offered 1944-45)

A study of the organization, functions and operation of county and municipal government in the United States and particularly in Georgia.

379a-b. INTRODUCTION TO THE STUDY OF CONTEMPORARY INTERNATIONAL RELATIONS. 10 hours. Fall and Winter Quarters. *Mr. Bocock.*

Offered for 1942-43 and in alternate years thereafter. Membership in this class limited to twenty.

385. POLITICAL PHILOSOPHIES OF ANCIENT, MEDIEVAL, AND EARLY MODERN TIMES. 5 hours. *Mr. Saye.* (Not offered 1944-45)

An historical study of the development of ideas relative to the state and government in ancient, medieval, and early modern times. Attention is directed primarily to the political thought of a selected group of eminent philosophers, including Plato, Aristotle, Cicero, St. Augustine, Egidius Romanus, St. Thomas Aquinas, Bodin, Hobbes, Locke and Rousseau.

386. POLITICAL PHILOSOPHIES OF RECENT TIMES. 5 hours. *Mr. Saye.* (Not offered 1944-45)

This course forms a sequence to Political Science 385. Either of the courses may be taken separately, but since emphasis is given to the growth of political thought, it is preferable to take the early period first.

441. PRINCIPLES OF PUBLIC ADMINISTRATION. 5 hours. Fall Quarter.

A study of administrative organization, relationships and controls in the United States.

442. PUBLIC PERSONNEL ADMINISTRATION. 5 hours. Winter Quarter.

A study of civil service systems, their organization, procedures and relationships.

443. PUBLIC BUDGETING. 5 hours. Spring Quarter.

A study of the budgeting process, preparation and enactment of the budget, financial accountability and the audit.

481. PRINCIPLES OF POLITICAL ORGANIZATION. 5 hours. Fall Quarter. *Mr. McPherson.*

A study of the province of government, the elements of strength and weakness in various forms of government, political leadership, bureaucracy, pressure groups, and other problems of political organization.

482. AMERICAN GOVERNMENT AND POLITICS. 5 hours. Winter Quarter. *Mr. McPherson.*

An advanced course in the forms of organization, functions, and operation of the government of the United States. Exempts the student from the Constitution examination requirements.

483. AMERICAN CONSTITUTIONAL LAW. 5 hours. Spring Quarter. *Mr. Saye.* Prerequisite: Pol. Sci. 1 or 482.

A study of the fundamental principles of constitutional interpretation and practice in the United States through decisions and opinions of the Supreme Court.

484. THE CONSTITUTIONAL DEVELOPMENT OF GEORGIA. 5 hours. Spring Quarter. *Mr. Saye.*

An historical study of the development of constitutional government in Georgia from the Charter of 1732 to the present.

(NOTE: Students majoring in political science and interested in public administration are advised to include several courses in economics in their program. Their attention is directed specifically to the following courses, any of which may be counted toward fulfilling the major concentration requirement.

ECONOMICS 384. Social Security.

ECONOMICS 434. Public Finance.

PSYCHOLOGY

(Meigs Hall, North Campus, unless otherwise specified)
Head: Edwards. Staff. Young, Zeigler

All courses in the Psychology Department are in the Biological Science Division except Psychology 1 and Psychology 373, which are in the Social Science Division. Psychology 1 is a prerequisite to all other courses in Psychology.

1. ELEMENTARY PSYCHOLOGY. 5 hours. Fall, Winter and Spring Quarter. Room 9. *Mr. Edwards* and *Miss Zeigler.* Fall Quarter. S. Campus. Dawson Hall. Room 213. *Miss Young.*

A beginning course in Psychology, given without laboratory experiments. It includes the fundamental facts and laws of psychology and indicates something of the various problems and fields of psychology, its relation to other fields, and some of the more important applications of psychology.

322. EXPERIMENTAL PSYCHOLOGY. 5 hours. Three periods per week for discussion, demonstration, and lecture, and two double laboratory periods. Fee $2.50. Fall, Winter and Spring Quarters. Room 2.

Psychological experiments will be performed to give the students an opportunity to discover and evaluate his abilities. These experiments will be utilized to give the student first hand experience with the facts and laws of psychology and to offer training in scientific thinking.

323. ABNORMAL PSYCHOLOGY. 5 hours. Lecture, laboratory, and clinical work. Prerequisite: Psychology 1. Winter Quarter. Room 9. *Miss Young.*

The study of abnormal manifestations and problems of mental disease, together with some of the methods of psychological and psychiatric examinations. The course deals with problems of normality, variability, individual differences, and human adjustments. It is planned especially for students who are going into social, educational, clinical, and remedial work, emphasis being placed upon mental hygiene in all phases of the course.

358. THE PSYCHOLOGY OF ADJUSTMENT. 5 hours. Spring Quarter. Room 9 *Mr. Edwards.*

A course in mental hygiene; application to personal adjustments, solutions of conflicts, fears, personality difficulties; development of character and personality. The psychology of morale in peace and war.

N. B. During the emergency special emphasis will be given to problems of morale in peace annd war. This is one of the most important fields of war psychology.

371. APPLIED PSYCHOLOGY. 5 hours. Prerequisite: Psychology 1. Spring Quarter. Room 9. *Miss Zeigler.*

The applications of the principles of psychology to social, professional, industrial, and educational fields.

Note. During 1943-44, special attention will be given to personnel selection, management and organization.

372. PSYCHOLOGICAL PROBLEMS. 5 hours. Prerequisite: Psychology 1. Fall Quarter. Room 9. *Miss Zeigler.*

This course provides for a systematic treatment, largely from a theoretical point of view, of some problem or problems of psychology, such as types of psychology, character and personality, intelligence, instinct, habit, sleep and dreams, hypnotism, human variability.

373. SOCIAL PSYCHOLOGY 5 hours. Prerequisite: Psychology 1. Fall Quarter. Room 9. *Miss Zeigler.*

The social aspects of psychology; problems of social stimulation, organization, tradition, custom, motive, suggestion, attitude, etc., as they relate to group action and social improvement.

Note. During 1943-44, special attention will be given to the problems of peace as they affect groups.

374. GENETIC PSYCHOLOGY. 5 hours. Prerequisite: Psychology 1. Winter Quarter. Room 9. *Miss Zeigler.*

The evolution of structure and behavior; the problems of childhood, maturity and senescence as integral parts of the life cycle are given careful study.

400. SYNTHETIC PSYCHOLOGY. 5 hours. Prerequisite: for minor, one course of psychology and evidence of ability to do the work of the course; for part of major, four courses of psychology. Winter Quarter. Room 3. *Mr. Edwards.*

An advanced course in systematic and experimental psychology intended as a detailed study in theoretical discussions and investigations of special topics. Critcal study of one systematic treatise and experimental work on special topics.

Note: For the 1943-44 session the course will put special emphasis upon the systematic study of the psychological problems of peace and war.

401. SYSTEMATIC PSYCHOLOGY (Continued). 5 hours. Continuation of Psychology 400. May be taken only by permission.

410. SPECIAL PROBLEMS. 5 hours. 1 hour discussion, 8 hours lab. Fee $2.50. Prerequisite: for minor, one course of psychology, and evidence of ability to do the work of the course; for part of major, four courses of psychology. Fall Quarter. Room 3. *Mr. Edwards.*

Critical study of special problems in psychology, both experimental and theoretical, such as types of psychology, association and memory, attention and feeling, behavior and psychology, association and memory, attention and feeling, behavior and psychological examining and diagnosis. A special topic or experiment will be assigned each student for careful investigation.

Note. For the duration students will have special opportunity to work with tests and measurements. Some of the most important psychological tests will be used in the course. Such training will be of value in psychological and in personnel work.

411. SPECIAL PROBLEMS (Continued). 5 hours. Continuation of Psychology 410. May be taken by permission only.

412. CLINICAL PROBLEMS. 5 hours. 1 hour discussion, 8 hours lab. and clinical work. Fee $2.50. Prerequisite: for minor, one course of psychology and evidence of ability to do the work of the course; for part of major, four courses of psychology. Winter Quarter. Rooms 2 and 7. *Mr. Edwards* and *Miss Young.*

Clinical studies of cases, including the use of experimental methods, clinical diagnosis and special tests with critical study of a problem or of problems specially selected for each student.

413. CLINICAL PROBLEMS (Continued). 5 hours. Continuation of Psychology 412. May be taken by permission only.

461. ADVANCED EXPERIMENTAL PSYCHOLOGY. 5 hours. 1 hour discussion and 8 hours laboratory and clinical work. Prerequisites: Psychology 1 and 22. Fee $2.50. Winter Quarter. Room 2 and 7. *Mr. Edwards.*

Emphasis is placed upon experimental technique and methods of experimental work. Specially adapted for the student who desires to learn scientific method and for the student who is going on in psychology.

462. CLINICAL PSYCHOLOGY. 5 hours. Prerequisites: Psychology 1 and 323. Fee $2.50. May be taken by permission only.

Deals wih problems of the normal, abnormal, maladjustments, delinquency, mental disease, methods of clinical examination, diagnosis, prognosis, and treatment. The course will be related especially to the work of the University of Georgia Clinic.

Note. During the emergency special attention will be given to the interpretation of results of psychological testing, their interpretation and to applications relating to mental therapy and psychiatric nursing.

463. CLINICAL PSYCHOLOGY. 5 hours. 2 or 3 hours advanced discussions and 4 or 5 hours of clinical examining and case work. Prerequisites: Psychology 1, 323, and preferably 462. May be taken by permission only.

A continuation of Psychology 462.

490. DEVELOPMENT OF THE YOUNG CHILD. 5 hours. Three lecture periods and four hours of laboratory work in the Nursery School. Fall and Spring Quarters. S. Campus. Dawson Hall. Room 213. *Miss Young.*

A study of the physical, mental, emotional, and social development of the preschool child, the environmental factors influencing the development of the young child, studied with emphasis upon techniques of guidance. Planned to meet requirements for teachers of home economics in high schools; desirable also for teachers of elementary grades.

THE UNIVERSITY OF GEORGIA CLINIC

A. S. Edwards, *Director*

The clinical work carried on by the Department of Psychology for many years was expanded in 1930 and includes psychology, physical, psychiatric, and neurological examinations and a limited amount of therapeutic service. Cooperative arrangements have been made with the schools, the Personnel Office, the college physician, the deans of the University and with visiting psychiatrists and neurologists.

The Clinic is interested in the examination of both normal and abnormal individuals and in special problem cases. Those desiring service may apply to the director or may be referred by interested persons.

Advanced students may be admitted to work in the Clinic.

The Clinic provides about once a month a speaker who can give accurate and scientific information about mental disorder and disease, and about what is generally known as mental hygiene.

ROMANCE LANGUAGES

(Language Building, North Campus)

Head: Chance. Staff: *Beck, Brumby, Cohn, Hall, Strahan, Strozier, *Woodbridge

FRENCH

101. Elementary French. 5 hours. No prerequisite. Credited only as first half of a double course. Fall and Winter Quarters. *Members of Staff.*

Elementary grammar, pronunciation, dictation, reading and translation. See French 102.

102. Elementary French. 5 hours. Prerequisite: French 101 or its equivalent. Winter and Spring Quarters. *Members of Staff.*

Grammar and composition, conversation, reading, and translation. (French 101-102 form a double course. Students offering two units in French for entrance will enter French 103. No University credit will be granted for work in foreign language when such work is a repetition of courses completed in high school.)

103. Intermediate French. 5 hours. Prerequisite: French 101-102 or two entrance units in French. Fall, Winter and Spring Quarters. *Members of Staff.*

Intermediate grammar, reading of about 400 pages from standard authors. A study of grammatical difficulties and idioms.

104. French Grammar, Composition and Literature. 5 hours. Prerequisite: French 103 or its equivalent. Winter and Spring Quarters. *Members of Staff.*

Reading of about 600 pages from standard authors. Advanced grammar. Oral and written composition. Conversation.

Note: Part of collateral reading may be selected from the field of the student's major interest.

106. Military French. 5 hours. Prerequisitee: French 101 and 102 or the equivalent. Fall and Spring Quarters. *Mr. Chance, Mr. Strozier, Mr. Terry.*

The course is designed to train candidates for interpreter, liason and intelligence work. Through textbook work students will learn a vocabulary covering the principal phases of military life, including nomenclature of the barracks, weapons, vessels, aviation, field works, fortifications, offense and defence, military intelligence and communications.

305. Introductory Survey of French Literatures 5 hours. Prerequisite: French 104 or its equivalent. Fall and Spring Quarters. *Members of Staff.*

* On leave.

Representative readings from the masters of French Literature from the Twelfth through the Nineteenh centuries.

357. FRENCH PHONETICS. 5 hours. Prerequisite: French 305. Spring Quarter. *Mr. Strozier.*

The organs of speech, the differences in production of French and English speech sounds, and the various speech phenomena, such as assimilation, linking, and the length of vowel sounds. Practice in phonetic transcription and pronunciation.

(Students desiring graduate credit in any of the following courses must offer as a prerequisite French 305 and one additional advanced course unless other specific prerequisites are listed.)

400-401. THE NOVEL IN FRANCE IN THE SECOND HALF OF THE 19TH CENTURY. 10 hours. Prerequisite: French 305 and at least two advanced courses. *Mr. Chance.*

402. MOLIERE AND THE THEATER. 5 hours. Prerequisite: French 305. *Miss Hall.*

403. CORNEILLE AND RACINE: CLASSICAL TRAGEDY. 5 hours. Prerequisite: French 305 and one other advanced course. *Miss Hall.*

405. THE NOVEL IN FRANCE IN THE FIRST HALF OF THE NINETEENTH CENTURY. 5 hours. Prerequisite: French 305 and at least one advanced course. *Mr. Strozier.*

408. THE PROSE WRITERS OF THE 16TH CENTURY. 5 hours. Prerequisite: French 305. *Mr. Chance.*

409. THE POETS OF THE 16TH CENTURY. 5 hours. Prerequisite: French 305. *Miss Brumby* and *Mr. Strozier.*

410. FRENCH DRAMA OF THE 19TH CENTURY. 5 hours. Prerequisite: French 305. *Miss Hall* and *Mr. Beck.*

411. ROMANTIC MOVEMENT IN FRANCE. 5 hours. Prerequisite: French 305. *Miss Brumby* and *Mr. Strozier.*

412. FRENCH DRAMATIC MOVEMENT LITERATURE OF THE 20TH CENTURY. 5 hours. Prerequisites: French 305 and one other advanced course. *Miss Hall* and *Mr. Strorier.*

456. ADVANCED FRENCH SYNTAX AND COMPOSITION. 5 hours. Prerequisite: French 104. *Mr. Chance, Miss Brumby* and *Miss Strahan.*

Comprehensive review; suggested for teachers of French, may be credited as Education 456.

460. SURVEY OF FRENCH LITERATURE OF THE 17TH CENTURY. 5 hours. Prerequisite: French 305. Fall Quarter. *Mr. Strozier.*

Selections will be read from the best writers of the Golden Age, with special emphasis on the selected plays of Corneille, Moliere, and Racine.

461. SURVEY OF FRENCH LITERATURE OF THE 18TH CENTURY. 5 hours. Prerequisite: French 305. Winter Quarter. *Mr. Chance* and *Miss Hall.*

Selections will be read from Voltaire, Rousseau, Montesquieu, Marivaux, Lesage, Buffon, Diderot Prevost, Bernardin de Saint Pierre, and Andre Chenier.

462. SURVEY OF FRENCH LITERATURE FROM MIDDLE OF THE 19TH CENTURY TO THE PRESENT TIME. 5 hours. Prerequisite: French 305. Spring Quarter. *Mr. Chance, Miss Hall, Mr. Strozier.*

A study of the tendencies of the period. Special attention will be given to Realism and Naturalism.

800. THESIS: AN INTRODUCTION TO THE METHODS OF LITERARY HISTORY FOLLOWED BY THE PREPARATION OF THE THESIS. *Staff.*

ITALIAN

101. ELEMENTARY ITALIAN. 5 hours. Fall Quarter. *Mr. Cohn.*

Elementary grammar, pronunciation, dictation, and reading.

102. ELEMENTARY ITALIAN. 5 hours. Prerequisite: Italian 101. Winter Quarter. *Mr. Cohn.*

Intermediate grammar, composition, conversation, reading, and translation.

103. Review of Italian Grammar. 5 hours. Prerequisite: Italian 101 and 102. Spring Quarter. *Mr. Cohn.*

Advanced grammar and idioms, composition, conversation, translation, and reading from standard authors.

SPANISH

101. Elementary Spanish. 5 hours. Credited only as first half of a double course. Fall and Winter Quarters. *Members of Staff.*

Elementary grammar, pronunciation, dictation, annd reading. See Spanish 102.

102. Elementary Spanish (Continued). 5 hours. Spanish 101 and 102 form double course. Prerequisite: Spanish 101 or its equivalent. Winter and Spring Quarters. *Members of Staff.*

Grammar, composition, conversation, reading and translation. (Students offering two units in Spanish for entrance will enter Spanish 103. No University credit will be granted for work in foreign language when such work is a repetition of courses completed in high school.)

103. Intermediate Spanish. 5 hours. Prerequisite: Spanish 101 and 102 or two entrance units in Spanish. Fall and Spring Quarters. *Members of Staff.*

Reading of about 400 pages from standard authors. A study of grammatical difficulties, and idioms, drill on radical and orthographical changing verbs and irregular verbs.

104. Spanish Grammar, Composition and Literature. 5 hours. Prerequisite: Spanish 103 or its equivalent. Winter Quarter. *Members of Staff.*

Reading of about 600 pages from standard authors. Advanced grammar. Oral and written composition. Conversation.

Note: Part of collateral reading may be selected from the field of the students' major interest.

106. Technical and Industrial Spanish. 5 hours. Prerequisite: Spanish 102, with an average of "B" or better in the course. Spring Quarter. Campus 1. *Mr. Chance, Miss Strahan.*

305. Introductory Survey of Spanish Literature. 5 hours. Prerequisite: Spanish 104. Spring Quarter. *Mr. Chance, Miss Strahan* and *Miss Hall.*

Introduction to the literature of Spain and Spanish America.

420. The Modern Spanish Novel. 5 hours. Prerequisite: Spanish 305 and one other advanced course. Spring Quarter. *Miss Strahan.*

A study of the trends in the modern Spanish novel, with the reading of representative novels by Valera, Pereda, Alarcon, Perez, Galdos Pardo Bazan, Palacio Valdes, Blasco Ibanez and others.

421. The Golden Age in Spanish Literature. 5 hours. Prerequisite: Spanish 305. Winter Quarter. *Miss Strahan.*

A study of the period from the accession of Charles V to the death of Calderon (1681), tracing the development of the various literary genres with special emphasis on the growth of the novel and on the four great dramatists.

426. Advanced Spanish Syntax and Composition. 5 hours. Prerequisite: Spanish 104. Fall Quarter. *Mr. Chance, Miss Strahan.*

PORTUGUESE

101. Elementary Portuguese. 5 hours. No prerequisite. Credited only as first half of a double course. Winter Quarter. *Woodbridge, Terry.*

Elementary grammar, pronunciation, dictation, and reading. (See Portuguese 102.)

102. Elementary Portuguese. 5 hours. Portuguese 101-102 form double course. Prerequisite: Portuguese 101 or its equivalent. Spring Quarter. *Woodbridge, Terry.*

Intermediate grammar and composition, conversation, reading, and translation.

SOCIAL SCIENCE SURVEYS

(Academic Building, North Campus)

Given under the general direction of the Chairman of the Social Science Division.

1a-b-c. SOCIAL SCIENCE SURVEY. 9 hours. (Three hours per quarter.) Fall, Winter and Spring Quarters.

A brief study of the historical, political, economic and social factors molding modern civilization. Taught by members of the staffs of the Department of Economics, History, and Sociology.

4. CONTEMPORARY GEORGIA. 5 hours. Fall, Winter and Spring Quarters. Taught by members of the staffs of the Departments of Economics and Sociology. Prerequisite: Social Science 1a-b-c or equivalent.

A discussion and analysis of certain phases of Georgia's population, its characteristics and trends; its relative standing in various statistical measures of economic and social well-being; its natural resources and economic accomplishments from the standpoint of agriculture, industry, and commerce; and its governmental organization and problems.

SOCIOLOGY**

(Academic Building, North Campus)

Head: Williams. Staff: James E. Fleming, Mrs. Lessie T. Fleming, Hutchinson, Meadows

5. INTRODUCTORY SOCIOLOGY. 5 hours. Winter Quarter. *Mr. Fleming.*

The study of organized social life in terms of interaction of heredity, physical environment, the group and culture. Emphasis on fundamental sociological concepts, methods, and data.

200. PRINCIPLES OF SOCIOLOGY. 5 hours. Fall and Spring Quarters. *Mr. Fleming.*

This course is intended to give to the students a general survey of the principles of sociology, an understanding of the important concepts in the field, and an acquaintance with the techniques of study in sociology.

315. THE FIELD OF SOCIAL WORK. Prerequisite: Major in Economics, Psychology, or Sociology. 5 hours. Winter Quarter. *Mrs. Fleming.*

An introductory course to the various aspects of present-day social work. Considers family and children's services, behavior clinics and case work approach to social problems, the courts, probation and parole, medical social services, group work, community organization, public assistance, and social security. Class discussions and collateral reading.

327. INTRODUCTION TO CULTURAL ANTHROPOLOGY. Prerequisite: Sociology 5 or Sociology 200. 5 hours. Spring Quarter. *Mr. Hutchinson.*

The objective study of the culture of preliterate peoples. Special attention is given to the relevance of early cultures to contemporary civilization; particularly with reference to cultural origins and processes and social institutions.

356. ELEMENTARY SOCIAL STATISTICS. Prerequisite: Sociology 5 or Sociology 200. 5 hours. Fall Quarter. *Mr. Williams.*

An introduction to the fundamental principles of statistical techniques and their application to sociological data.

360. CONTEMPORARY SOCIAL PROBLEMS. Prerequisite: Sociology 5 or Sociology 200. 5 hours. Fall and Spring Quarters. *Mr. Meadows.*

A study of both general and specal problems of our times. The problems are considered in the social and cultural setting in which they occur. The emphasis is upon people and their behavior with the view that new and clearer meanings may be given to the concepts of Americanism and Democracy.

381. CRIMINOLOGY. Prerequisite: Sociology 5 or Sociology 200. 5 hours. Fall Quarter. *Mr. Hutchinson.*

**Students electing courses in sociology, and who are neither majoring nor minoring in sociology, are not required to have prerequisites other than those called for in their respective departments. It is suggested that all students majoring in sociology take the elementary course in psychology.

An introduction to the study of criminal behavior and treatment of the same. Attention will be paid to the development of criminal behavior in contemporary society, and to the efforts of the individual to adjust to the demands made upon him. Emphasis will be placed upon the treatment of the offender by means of probation, imprisonment and parole.

391. SOCIAL EVALUATIONS. Prerequisite: Sociology 5 or Sociology 200. 5 hours. Fall Quarter. *Mr. Hutchinson.*

This course is designed to acquaint the student with the sociological aspects of standards of value. It deals with the social origins of ethical forms and the development of new standards of value.

408. ADVANCED PRINCIPLES OF SOCIOLOGY. Prerequisite: Sociology 5 or Sociology 200, and one additional sociology course numbered (200-399), or their equivalents. 5 hours Winter Quarter. *Staff.*

This is a more advanced course than Sociology 5 or Sociology 200, and may profitably be taken by those who have credit in either one of these courses. A critical examination of the conceptual framework of the science of sociology is made.

409. SOCIAL CHANGE. Prerequisite: Same as for Sociology 408. 5 hours. Winter Quarter. *Mr. Fleming.*

The nature and theories of social change; causes and types of social change; the cultural lag theory; the adjustments of society to inventions; methods of studying the social effects of invention.

411. SOCIAL ORGANIZATION. Prerequisite: Same as for Sociology 408. 5 hours. Fall Quarter. *Mr. Fleming.*

Concepts and indices of personal, family, and community organization—an analysis of pathological social behavior—crime, mobility, unemployment, social misfits, family tension, divorces, ecological aspects of organization, etc. Emphasizes the basic principles of social organization.

420. METHODS OF SOCIOLOGICAL RESEARCH. Prerequisite: Same as for Sociology 408. 5 hours. Spring Quarter. *Mr. Williams.*

A critical analysis of historical research, field observation, mapping, interviewing, evaluation of human documents and case studies as used in sociology; the relation of these methods to statistical procedure.

427. PERSONALITY AND SOCIAL ADJUSTMENT. Prerequisite: Same as for Sociology 408. 5 hours. Spring Quarter. *Mr. Fleming.*

Foundations and development of personality—mechanisms of integration and adjustment—roles of culture, groups and language—concepts of self—types and theories of personality—divergent personalities, etc. (Psychlogy 358 or 373 is recommended as preparation for this course.)

431. PRINCIPLES OF RURAL-URBAN SOCIOLOGY. Prerequisite: Same as for Sociology 408. 5 hours. Fall Quarter. *Mr. Williams.*

This course stresses the fundamental differences between rural and urban socities and the inter-relationships between these two large groups of people. How personalities growing up in the different environments are affected, and some of the problems that arise because of the differences and conflicts between rural and urban interests. An intensive study of these two types of culture.

433. POPULATION PROBLEMS. Prerequisite: Same as for Sociology 408. 5 hours. (Not offered 1944-45)

Theory and dynamics of population growth—population pressure—migration—composition—differential fertility—theories of the quality and optimum populations—economic and social aspects of our declining population, etc.

434. SOCIAL CONTROL. Prerequisite: Same as for Sociology 408. 5 hours. Winter Quarter. *Mr. Hutchinson.*

A comparative study of societal and biological controls and the techniques by which they may be discovered and also a comparative study of different types of societal controls, the situations in which they occur and the techniques by which they may be studied. The approach to these problems is fundamentally inductive and realistic.

435. COMMUNITY ORGANIZATION. Prerequisite: Same as for Sociology 408. 5 hours. Winter Quarter. *Mr. Meadows.*

A study of the community as a unit of social organization. Contemporary trends in community organization and planning.

443. SOCIAL MOBILITY. Prerequisite: Same as for Sociology 408. 5 hours. Winter Quarter. *Mr. Williams.*

A study of the vertical and horizontal movements of people. Includes treatment of occupational, inter-generational, and social group mobility; as well as migration, both from the standpoint of the individual and of groups of people. How social groups are formed and how individuals and groups react to status and position in society. Special

emphasis is given to the mobility of occupational groups. (Laboratory fee charge of $1.00.

461. THE FAMILY. Prerequisite: Same as for Sociology 408. 5 hours. Spring Quarter. *Mr. Hutchinson.*

Family study from many different angles utilizing data from the fields of anthropology, individual and social psychology, history, sociology, economics and psychiatry.

470. INTRODUCTION TO PUBLIC WELFARE ADMINISTRATION. Prerequisite: Major in Economics, Psychology, or Sociology. 5 hours. (Not offered 1944-45)

A course that traces the historical development of public welfare services and considers their administration. Reference is made to the underlying problems with which present day public welfare departments deal, and specific attention is paid to administration at local, state, and federal levels. Public administration as applied to welfare services is considered in its relation to administration in other fields. Discussion and readings.

521. THE SOCIAL PROCESS. Prerequisite: Same as for Sociology 408. 5 hours. (Not offered 1944-45)

A study of the nature of human society as a process that is in part blindly and in part intelligently directed. The social process as a blind mechanical process and as a more or less intelligent self-conscious process. Special emphasis is placed on the techniques by which a knowledge of each phase of social process may be arrived at.

522. DEVELOPMENT OF SOCIOLOGY THEORY FROM PLATO TO COMTE. Prerequisite: Same as for Sociology 408. 5 hours. *Mr. Hutchinson.* (Not offered 1944-45)

526. AMERICAN SOCIOLOGY. Prerequisite: Same as for Sociology 408. 5 hours. Winter Quarter. *Mr. Williams.*

This course presents a complete coverage of the origin and development of sociology in the United States, from Ward down to the present. Special emphasis is placed on the approaches to the subject, and recent trends in the field will be studied and analyzed.

800. SOCIOLOGY RESEARCH SEMINAR. 3 hours. Fall, Winter and Spring Quarters. *Members of Sociology Staff.*

This seminar offers opportunity for students taking graduate work as majors in sociology to do special research and study in the field under direction of staff members in the department. Individual staff members will be assigned to different students, but in no case may a student receive credit for more than one quarter of work, although the problems under study may cover a longer period. (Hours to be arranged.)

ZOOLOGY

(LeConte Hall, North Campus)

Head: Boyd. Staff: Byrd*, Lund*, Nuttycombe, Odum.

25. GENERAL ZOOLOGY. 5 hours. Two and three double laboratory periods. Laboratory fee $2.50. Breakage fee $2.50. Prerequisites: Human Biology 1-2, or Botany 21-22. *Mr. Nuttycombe* and *Assistants.*

This is a survey of the invertebrate animals.

26. GENERAL ZOOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee $2.50. Prerequisites: Zoology 25. *Mr. Odum* and *Assistants.*

This is a survey of the chordate animals..

No student will be allowed to take as an elective a course numbered 200-399 in Zoology unless he has an average of C or above in all prerequisite courses.

309. HUMAN PHYSIOLOGY. 5 hours. Five lecture periods. Prerequisites: Zoology 25 and 26. Winter Quarter. *Mr. Odum.*

A lecture course dealing with the functions of the organ systems of the human in health.

353. ANIMAL ECOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee $2.50. Prerequisites: Zoology 25 and 26. Spring Quarter. *Mr. Odum.*

This course deals with methods of study and identification of animals in the field, biotic and physical factors of the environment, animal communities, and the application of ecological principles to wildlife conservation and management.

* On leave.

355. EMBRYOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee $2.50. Breakage fee $2.50. Prerequisites: Zoology 25 and 26. Spring Quarter. *Mr. Nuttycombe.*

An elementary course in embryology in which the check is used to illustrate the basic principles of developmental anatomy.

356. COMPARATIVE ANATOMY OF THE VERTEBRATES. 5 hours. Two lecture and three double laboratory periods. Laboratory fee $5.00. Prerequisites: Zoology 25 and 26. Winter Quarter. *Mr. Odum.*

A comparison of the structure and development of organ systems in the different vertebrate groups.

357. ANIMAL HISTOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee $2.50. Breakage fee $2.50. Prerequisites: Zoology 25 and 26. Fall Quarter. *Mr. Nuttycombe.*

A comparative study of the histological structure of organ systems in representative types of verebrate animals.

361. HISTOLOGICAL TECHNIQUE. 5 hours. Five double laboratory periods. Laboratory fee $5.00. Open to majors in Zoology only. Winter Quarter. *Mr. Nuttycombe.*

A course offering training in the preparation of histological material, including practice in fixing, sectioning, staining and mounting.

367. HUMAN ANATOMY. 5 hours. Two recitations and three double laboratory periods. Laboratory fee $2.50. Prerequisites: Zoology 25 and 26. Fall Quarter. *Mr. Odum.*

This course is given exclusively for majors in Physical Education for Women.

370. HEREDITY. 5 hours. Five lecture periods. Spring Quarter. *Mr. Brown.*

A study of the laws of biological inheritance and their application to man and other animals.

372. PARASITOLOGY. 5 hours. Three lecture and two double laboratory periods. Laboratory fee $2.50. Prerequisites: Zoology 25 and 26. Fall Quarter. *Mr. Boyd.*

This course is a general study of the protozoa and worms parasitic in man and the lower animals.

373. GENERAL ENTOMOLOGY. 5 hours. Three lecture and two double laboratory periods. Laboratory fee $2.50. Prerequisites: Zoology 25 and 26. (Not given 1944-45)

A study of the structure, biology, classification of insect and of their general importance and significance to man.

375. FOREST ENTOMOLOGY. 5 hours. Three lecture and two double laboratory periods. Laboratory fee $2.50. (Not given 1944-45)

A study of the biology, classification and control of insect species destructive to American forests.

376. MEDICAL ENTOMOLOGY. 5 hours. Three lecture and two double laboratory periods. Laboratory fee $2.50. Prerequisites: Zoology 25 and 26. (Not given 1944-45)

A study of the biology, classification and control of the species of insects of particular importance in the cause or transmission of disease.

381. ORNITHOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee $2.50. Prerequisites: Zoology 25 and 26. Spring Quarter. *Mr. Odum.*

An introduction to the study of birds emphasizing the identification, classification, life histores and economic importance of Georgia species.

401. ADVANCED INVERTEBRATE ZOOLOGY. 5 hours. Two lecture and three double laboratory periods. Laboratory fee $2.50. Prerequisites: Zoology 25, 26 and 353, or equivalent. Fall Quarter. *Mr. Odum.*

A course devoted to the study of the morphology, taxonomy and relationships of the invertebrates exclusive of insects. Emphasis is placed upon the local fauna.

402. ADVANCED INVERTEBRATE ZOOLOGY (Continued). 5 hours. Two lecture and three double laboratory periods. Laboratory fee $2.50. Prerequisite: Zoology 401. Winter Quarter. *Mr. Nuttycombe* and *Mr. Odum.*

A continuation of Zoology 401 in which intensive study is limited to problems of morphology, taxonomy and physiology of some limited group of invertebrates.

408. ANIMAL PHYSIOLOGY. 5 hours. Three lecture and two double laboratory periods. Laboratory fee $2.50. Prerequisites: Zoology 25, 26 and one course numbered 200-399 in Zoology. (Not given 1944-45)

This is a comparative study of the physiology of illustrative animals.

410. ENDOCRINE PHYSIOLOGY. 5 hours. Three lecture and two double laboratory periods. Laboratory fee $2.50. Prerequisites: Zoology 25, 26 and Zoology 355 or 356 or 408. (Not given 1944-45)

The general physiology of the glands of internal secretion and their hormones.

THE SCHOOL OF LAW

THE FACULTY

*J. Alton Hosch, b.s.c., m.a., ll.b., *Dean of School.*

Henry A. Shinn, a.b., j.d., *Acting Dean.*

Sigmund Cohn, j.d., *Special Lecturer in Comparative Law and Jurisprudence.*

*Brainerd Currie, a.b., ll.b., ll.m., *Associate Professor of Law.*

Judge Blanton Fortson, ll.b., *Part Time Professor of Law.*

*Thomas F. Green, Jr., a.b., ll.b., j.s.d., *Professor of Law.*

*Harold M. Heckman, b.s.c., a.m., c.p.a., *Professor of Accounting.*

*J. Alton Hosch, b.s.c., m.a., ll.b., *Professor of Law.*

Robert L. McWhorter, a.b., ll.b., *Professor of Law.*

Henry A. Shinn, a.b., j.d., *Professor of Law.*

*James A. Spruill, Jr., a.b., b.a., (oxon), ll.b., ll.m. *Associate Professor of Law.*

Henry Haynes West, b.s., ll.b., *Lecturer in Georgia Practice.*

Harmon W. Caldwell, a.b., ll.b., ll.d., *President of the University* and *Ex-Officio Member of the Faculty.*

L. L. Hendren, a.b., m.a., ph.d., *Dean of Faculties* and *Ex-officio Member of the Faculty.*

William Tate, a.b., m.a., *Dean of Students.*

T. W. Reed, m.a., ll.b., *Registrar.*

J. Ralph Thaxton, a.b., m.a., ph.d., *Director of Admissions.*

J. D. Bolton, c.p.a., *Comptroller and Treasurer.*

LECTURERS FOR THE 1944-1945 SESSION

(To be announced later)

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* On leave.

GENERAL INFORMATION

THE SCHOOL OF LAW

Courses in law were first offered at the University in 1843, and the School of Law of the University of Georgia was established in 1859. The Honorable Joseph Henry Lumpkin, a distinguished lawyer who later became the first Chief Justice of the Supreme Court of Georgia, was elected the first professor of law.

The Law School is a member of the Association of American Law Schools, an organization of the leading law schools of the country. The American Bar Association has approved the quality of its work. The School has also been approved by the Board of Regents of the State of New York so that its graduates are eligible to take the bar examination in that State as in other States.

STANDARDS OF THE AMERICAN BAR ASSOCIATION

The Council on Legal Education and Admissions to the Bar of the American Bar Association requests that attention be called to the following standards adopted by the Association:

1. The American Bar Association is of the opinion that every candidate for admission to the bar should give evidence of graduation from a law school complying with the following standards:

a) It shall require as a condition of admission at least two years of study in a college, or its equivalent.

b) It shall require its students to pursue a course of three years' duration if they devote substantially all of their working time to their studies, and a longer course, equivalent in the number of working hours, if they devote only a part of their working time to their studies.

c) It shall provide an adequate library available for the use of the students.

d) It shall have among its teachers a sufficient number giving their entire time to the school to ensure actual personal acquaintance and influence with the whole student body.

e) It shall not be operated as a commercial enterprise and the compensation of any officer or member of its teaching staff shall not depend on the number of students or on the fees received.

2. The American Bar Association is of the opinion that graduation from a law school should not confer the right of admission to the bar, and that every candidate should be subjected to an examination by public authority to determine his fitness.

3. The Council on Legal Education and Admissions to the Bar is directed to publish from time to time the names of those law schools which comply with the above standards and of those which do not, and to make such publications available so far as possible to intending law students.

The School of Law of the University of Georgia is approved by the Council on Legal Education of the American Bar Association as fully complying with these standards.

PURPOSES AND METHOD OF INSTRUCTION

The courses of study offered in the Law School are designed to give a thorough knowledge of the Anglo-American system of common law and to familiarize the student with statutory laws with which he must deal. Emphasis is placed on teaching the student how to make a practical application of legal principles which he learns. Work is carried on in Practice Courts under conditions made as nearly as possible like those prevailing in the Courts of the State. The School also undertakes to shape the interests and aims of its students so as to make them respected and useful citizens and to instill in them that high sense of personal honor and regard for professional ethics which should characterize members of the legal profession.

The School operates under the case method of instruction as the one best designed to enable the students to master the common law and equity as working systems. This method has been successfully used in the leading law schools of the country for many years. The student studies actual cases, deducing from these cases the principles of law involved. This method of instruction is preferred to others, because it tends to develop more readily in the student the power to analyze a legal problem and to think in legal terms.

Instruction is given in the drafting of legal instruments by requiring the student to prepare, under the supervision of an instructor, contracts, leases, deeds, wills, charters, and other legal documents.

Practical instruction in the preparation and trial of cases is given in a Practice Court. The work of this Court is carried on [illegible] of a member of the Faculty, judges, and practitioners. Here are taken up matters relating to the preparation of pleadings, examination and cross-examination of witnesses, writing of briefs, presentation of arguments to the court and jury, taking of cases from lower courts to appellate courts and other related subjects of a practical nature. For the work of this court there is a commodious and handsomely furnished court room.

LAW CLUBS

The student body of the Law School is organized into four clubs. Each club is presided over by a Chief Justice who is a member of the Senior Class. Cases are assigned to members of the first and second year classes for argument. The arguments are conducted before some member of the Senior Class, or before some professor or practicing attorney invited by the club to sit as judge. After the decision, legal principles involved in the case are discussed. These discussions frequently give to a student insight into a legal problem which he could not get so readily in any other way. With a regular schedule of cases in which opposing attorneys are members of different clubs, a spirit of friendly and wholesome rivalry has been developed among the clubs.

LECTURES

In order that students may receive first-hand knowledge of what is actually taking place in the courts and of the development in the various fields of the law, a number of distinguished lawyers and judges deliver lectures on phases of the law in which they may be particularly interested. These men come to the Law School because of interest in legal education and give their services without compensation.

STUDENT MEMBERSHIP OF GEORGIA BAR ASSOCIATION

In 1933 the Constitution and By-Laws of the Georgia Bar Association were amended so as to render eligible for junior membership any member of the Junior or Senior Class of any law school within this state which is on the approved list of the American Bar Association. Students eligible for membership are urged to avail themselves of this privilege and to attend the meetings of the Bar Association. Student members of the Association are brought in contact with the leading spirits of the bench and bar and are introduced to problems considered by lawyers in their professional organizations. There is thus developed in the student a sense of professional consciousness.

BUILDING AND LIBRARY

The Law School of the University is now housed in one of the most beautiful and complete law buildings in the Southeast. Made possible by the generosity of the alumni and friends of the University, it was completed in 1932 and named Harold Hirsch Hall in honor of the late Mr. Harold Hirsch, of Atlanta, a brilliant lawyer and a devoted alumnus of the University. On the ground floor are the court room and smoking and lounging rooms for men. On the main floor of the building are three large lecture rooms, administrative offices, and private offices for professors. On the top floor is the Alexander C. King Library, named for the late Judge Alexander C. King, who was an eminent lawyer, Solicitor-General of the United States under President Wilson, and later a Judge of the United States Circuit Court of Appeals for the Fifth Circuit. The Law School is greatly indebted to the widow of Judge King, Mrs. Alice M. King, who contributed generously to the establishment of the library in memory of her distinguished husband. The Library has a reading room to accommodate 125 students and a stack room with a capacity of 45,000 volumes. There are also private reading rooms for the students.

The Library of the Law School contains approximately 20,000 volumes at the present time. It has the reports of all cases decided by the Supreme Court of the United States and other Federal Courts, the National Reporter System complete, the Reports of the States prior to the National Reporter System, the English Reports complete, and many of the Canadian Reports. It also has American Decisions, American Reports, American State Reports, Lawyers' Reports Annotated (both series), American Law Reports, American and English Annotated Cases, British Ruling Cases, the American Digest System, the English Digests, Cyc., Corpus Juris, Corpus Juris Secundum, Ruling Case Law, American Jurisprudence, various compilations of the statute law of the United States, the statute law of Georgia and of the other states, English Statutes, the leading law reviews and periodicals, and a comprehensive collection of valuable text books and legal literature.

Many books contained in the Library are gifts of friends and alumni of the Law School.

ADMISSION OF STUDENTS

ENTRANCE REQUIREMENTS

An applicant for admission to the Law School as a candidate for the degree of bachelor of laws must present satisfactory evidence of the fact that he is a graduate of a college of approved standing or that he has satisfactorily completed at least two years of regular residence work at such a college constituting not less than one-half of the work acceptable for a bachelor's degree granted on the basis of a four-year period of study. Courses in Military Science or Physical Education and courses without intellectual content of substantial value will not be considered by the Law School in determining whether an applicant has completed one-half of the work required for a bachelor's degree.

The Law School admits both men and women students as candidates for degrees.

COMBINED COURSES

A student who has completed three years of work in the College of Arts and Sciences or in the College of Business Administration may substitute the first year of work of the Law School for his senior work and thus at the end of his fourth year of study receive the degree of Bachelor of Arts, Bachelor of Science or Bachelor of Business Administration. On the successful completion of the two remaining years of work in the Law School he will be entitled to receive the degree of Bachelor of Laws. A student may in this manner receive in six years both the academic and law degrees.

ADVANCED STANDING

The Dean may, in his discretion, give full credit for work done in other law schools which are members of the Association of American Law Schools. Under no circumstances, however, will advanced credit be given for more than two years of work. The last year of work on the basis of which a degree is granted must be taken in this Law School.

DIRECTIONS TO APPLICANTS FOR ADMISSION

Every applicant for admission to the Law School must present to the Dean a complete transcript of his college work. The matter of registration will be simplified if this transcript is sent to the Law School several days in advance of the opening of the session which the applicant expects to attend. Such transcript may be procured from the registrar of the college or university at which the student's pre-legal work was done.

An applicant for admission to advanced standing should in addition to a transcript of his pre-legal work present a transcript of the law school work which he has done.

REQUIREMENTS FOR DEGREES

The degree offered by the Law School is that of bachelor of laws. In order to receive this degree, a student must have completed not less than 120 quarter hours of work with a weighted average of at least a minimum C.

Second-year students must, and third-year students may, if they so desire, earn one quarter hour of credit towards the requirements for the

degree by registering for and completing an essay on a legal topic to be selected with the approval of a member of the faculty. Every essay must be submitted on or before April 10, must represent a minimum of forty hours' work, and must be approved by three members of the Faculty.

No student may receive a degree without the favorable recommendation of the Faculty, and this may be withheld for satisfactory cause although the required work has been completed.

The 120 quarter hours of work on the basis of which a degree is granted must include all the work of the first year, with the exception of Domestic Relations. The following courses in the work of the second and third years are required: Constitutional Law, Equity, Evidence, Georgia Practice, Practice Court, and Property II. The course in Legal Accounting is required of all second year students except those excused by action of the Faculty.

In order to receive a degree, a student must satisfy not only the requirements specified above but, unless admitted with advanced standing, must have been in attendance at the Law School for nine full quarters.* In all cases the work of the three quarters immediately preceding the granting of a degree must be completed in this school.

A student who attends a full summer session is credited with one quarter of residence toward the degree requirements.

Candidates for degrees are required to be present in person when degrees are conferred.

The Faculty of the Law School will, in its discretion, recognize unusual scholastic attainments of genuine distinction by awarding the degree of Bachelor of Laws *summa cum laude or cum laude.*

ADMINISTRATIVE REGULATIONS

The general regulations and requirements relating to the University as a whole apply to students in the Law School except in so far as they may have been modified or changed by the Faculty of the Law School with the approval of the President of the University. Students in the Law School will be advised of such changes as may be made from time to time.

REGISTRATION

Students may enter the Law School at the beginning of any one of the four quarters. It is advisable, however, for them to enter at the beginning of the Fall Quarter in September rather than at the beginning of other quarters.

A service fee of $2.00 will be collected from all students who, in any quarter for any reason, complete registration after the official registration days.

A student is entitled to be registered as a second-year student when he has satisfactorily completed not less than thirty quarter hours of his first year's work.

A student is entitled to be registered as a third-year student when he has satisfactorily completed not less than seventy-five quarter hours of work which must include all first-year required subjects.

* As a war emergency measure the work may be completed in eight quarters.

No student may, without special permission of the Dean, register for less than thirteen hours of work per week in any quarter or take for credit more than sixten hours of work.

The courses of study in the Law School are designed to occupy the full time of students and no student in the Law School may, without special permission of the Dean, take courses in other schools or departments of the University.

AUDITORS

A student who wishes to attend lectures in a course, but who does not wish to take the examination, may register as an auditor in that course. A student's record card will indicate the lectures which he attended as an auditor, but no credit toward a degree will be given for work so taken.

ATTENDANCE

The right to take the examinations, as well as the privilege of continuing one's membership in the School, is conditioned upon regular attendance at classes and the other exercises of the School. A student who during a quarter incurs in any course a number of absences in excess of double the number of times which that course meets per week will be excluded automatically from the examination in that course, and only in exceptional cases will the student be permitted by the Faculty of the Law School to take the examination.

EXAMINATION AND GRADING SYSTEM

Written examinations are given upon the completion of the various courses offered in the School.

The work of each student is graded as follows: A; B+; B; C+; C; D+; D.

Other marks are in use to indicate varying grades of work not passing. They are:

F—(Failure). This grade may be converted into a higher grade only by repeating the work in the course.

I—(Incomplete).

W—Withdrawn from the course by permission with no grade assigned.

WF—Indicates a course from which the student withdrew while doing unsatisfactory work. This grade carries the F value.

EXCLUSION OF STUDENTS

A student who, at the end of his first three quarters, or at the end of any quarter thereafter, does not have a grade of D or better on at least two-thirds of the total number of quarter hours for which he has registered since entering the Law School or who, at the end of his first three quarters, or at the end of any quarter thereafter does not have a weighted average grade of the minimum C on all work taken by him since entering the Law School, shall not be entitled to continue in attendance except by special permission of the Dean and upon such showing and such conditions as the Dean may require. This permission will be granted only in unusual cases.

GENERAL INFORMATION

FEES

Students in the Law School who are residents of the State of Georgia are required to pay each year (three quarters) a matriculation fee of $180.00.

Students whose homes are not within the State of Georgia are required to pay each year a matriculation fee of $312.00.

A limited number of scholarships are available to non-resident students on the basis of academic record and financial need. These scholarships are in the amount of $132.00, the non-resident fee.

In the cases of both resident and non-resident students, matriculation fees may be paid in quarterly installments.

A student receiving a degree from the School is charged a diploma fee of $5.00.

All rates, including matriculation fees, room, and board, are subject to revision at the beginning of any quarter.

EXPENSES

The cost of new law books will average, through the three years, about $40.00 per year. Second-hand books may be had at less cost.

If a student prefers he may obtain board and lodging in a private home or boarding house at prices ranging from $30.00 per month upwards.

Incidental expenses are entirely within the control of the student and cannot be regulated by the University.

LOAN FUNDS

The University has a Brown Fund, a Lumpkin Fund, and other funds from which loans may be made to students. Law students may apply for these loans on the same basis as other students. Those who desire information regarding loans from these funds should write to Mrs. Dorothy Whitehead, Secretary, University Committee on Student Loans.

The Georgia Bar Association has a fund from which loans can be made to a limited number of deserving students standing in need of financial assistance. Information regarding loans from this source can be obtained from the Dean of the Law School.

Mrs. Nettie Elsas Phillips has created a fund of $5,000 in memory of her husband, Benjamin Z. Phillips, a loyal alumnus of the School. The annual income of this fund is available for loans to students in the Law School. Applications for loans from this source should be made to the Faculty of the Law School.

OPPORTUNITIES FOR SELF-HELP

A number of students find it possible to earn part of the money necessary to pay their expenses. Those who desire information concerning opportunities for self-help should write to the Director of Student Aid.

RELIGIOUS ACTIVITIES

There is located on the University campus a strong and active Voluntary Religious Association which does much to serve the spiritual needs of the students and to provide for them wholesome social contacts.

Religious services are regularly conducted in the Chapel. Students of the University will also receive a warm welcome at any of the various churches in Athens.

FRATERNITIES

There are located at the University chapters of a number of the leading social fraternities of the country. Law students are eligible for membership in these fraternities. In the Law School are chapters of the Phi Delta Phi and Sigma Delta Kappa legal fraternities. Students of the Law School are also eligible for membership in the local chapters of Phi Beta Kappa and Phi Kappa Phi.

LITERARY SOCIETIES

Students in the Law School are eligible for membership in the two literary societies of the University, Demosthenian and Phi Kappa. The former society has been functioning continuously since 1801, and the latter since 1820. Regular weekly meetings are held at which students have an opportunity to take part in public speaking and debating. The training derived from work done in these societies is of particular value to those preparing themselves for careers at the bar.

PRIZES

THE HARRISON PRIZE. The Harrison Company, law book publishers, of Atlanta, offers as a prize to that member of the graduating class who makes the highest average during his Senior year a copy of Redfearn's Wills and Administration of Estates in Georgia, Revised Edition.

THE LAWYERS' COOPERATIVE PUBLISHING COMPANY PRIZE. The Lawyers' Cooperative Publishing Company offers as a prize to that member of the class in Legal Bibliography who makes the highest grade a copy of Ballentine's Law Dictionary.

NATHAN BURKAN MEMORIAL COMPETITION. The American Society of Composers, Authors and Publishers annually offers a cash award of $100.00 to that student of the graduating class who submits the best paper on "Copyright Law."

THE ISAAC MEINHARD MEMORIAL AWARD. A prize of books selected by the Law Faculty and purchased with interest earned from the Isaac Meinhard Memorial Trust Fund for that student in the Senior Law Class who has the highest average on his course of study in the School of Law.

THE REDFEARN PRIZE. Mr. D. H. Redfearn, of the Miami bar, offers a prize of $50.00 to the student writing the best article on "Suggested Changes in the Remedial Laws of Georgia."

SUMMER QUARTER

For full information write to the Dean of the School of Law, the University of Georgia, Athens, Ga.

COURSES OF INSTRUCTION

FIRST YEAR

Business Organizations I

Five Hours, Winter Quarter

This course deals with the various forms of business organizations recognized in American law, other than private corporations. It is principally concerned, however, with the agency and partnership relationships, and, as such covers the powers, duties, rights and liabilities of principal and agent *inter se* and as to third persons.

Judge Fortson

Magill and Hamilton's *Cases on Business Organization*, Volume I.

Contracts I and Contracts II

Four hours, Fall Quarter
Five Hours, Winter Quarter

An introduction to the law of legally enforceable promises including offers and their acceptance; duration and termination of offers; consideration; requisites of contracts under seal; parties affected by contracts, parol evidence rule; Statute of Fraud; performance of contracts; effect of illegality.

Mr. Cohn

Williston's *Cases on Contracts* (4th edition).

Criminal Law and Procedure

Five hours, Fall Quarter

A study of the criminal law, both common and statutory, including the historical development of this branch of law as well as the analysis of the necessary elements of crimes, and the consideration of the principal classes of crimes; procedure in criminal cases.

Mr. McWhorter

Harno's *Cases and Materials on Criminal Law and Procedure.*

Domestic Relations

Four hours, Spring Quarter

This course deals with certain important aspects of family law, including contracts to marry; marriage; annulment; separation and divorce; the relations of husband and wife, and parent and child, with reference to property, support alimony and custody; illegitimacy; adoption; guardian and ward; infancy.

Mr. McWhorter

McCurdy's *Cases on Domestic Relations* (2nd edition).

Legal Bibliography

One hour, Fall Quarter
One hour, Winter Quarter
One hour, Spring Quarter

Lectures and practice in the use of law books and legal investigation. Lectures on characteristics of the Anglo-American legal systems, professional organizations, and legal ethics.

Miss Lamar

Law Books and Their Use (6th edition), and *Cheatham's Cases and Materials on the Legal Profession.*

Pleading and Practice

Five hours, Fall Quarter

This is an introductory course on procedure in actions at law. It deals with the rules of pleading at common law and the influence of those rules on practice under codes of civil procedure.

Judge West

Keigwin's *Cases in Common Law Pleading* (2nd edition).

PROPERTY I

Five hours, Spring Quarter

Actual and constructive possession of real and personal property; rights based on possession; liabilities based upon possession; disseisin and adverse possession of land; disseisin and adverse possession of chattels; various methods of acquiring title to personal property; liens and pledges; fixtures; some rights incident to the ownership of land.

MR. MCWHORTER

Warren's *Cases on Property* (2nd edition).

TORTS I AND TORTS II

Three hours, Winter Quarter
Four hours, Spring Quarter

A general treatment of the principles underlying the laws of civil liabilty for conduct causing damage to others. Assault, battery, and false imprisonment; negligence as a basis for liability; contributory negligence as a defense; injuries by animals; dangerous use of land; violation of statutory duties as a basis of civil liability; deceit; malicious prosecution; libel and slander; invasion of the rights of privacy; interference with advantageous relations; proximate causation; justification and excuse.

MR. SHINN

Bohlen's *Cases on Torts* (4th edition).

SECOND YEAR

ADMINISTRATIVE LAW*

Four hours, Spring Quarter

Administrative power and action and its control by courts; discretion of administrative officials and their power to take summary action; hearings before administrative boards; legal and equitable relief against administrative action; finality of orders of administrative boards.

MR. SHINN

Gellhorn's *Cases and Comments on Administrative Law.*

BUSINESS ORGANIZATIONS II*

Five Hours, Winter Quarter

The formation of private corporations; their powers and liabilities; problems of defective organization and of *ultra vires acts;* the powers and liabilities of promoters and directors; the rights of stockholders and creditors and remedies available for their enforcement; the reorganization and dissolution of corporations.

Richard's *Cases on Corporations* (3rd edition).

COMPARATIVE LAW*

Two hours, Fall Quarter

The main purpose of this course is to compare historically, analytically and critically the solution of legal problems by common law and civil law states. Practical problems will be selected from the field of contracts, torts, domestic relations and quasi contracts. The regular case method will be supplemented by lectures.

MR. COHN

Selected Materials.

CONSTITUTIONAL LAW

Four hours, Fall Quarter

Written constitutions and their amendment; power to declare laws unconstitutional; separation of powers; delegations of legislative power; limitations on legislative powers of State and Federal Governments; due

* Registration open to third-year students.

process of law; police power; civil rights and their protection; protection afforded to contracts and property.

JUDGE FORTSON

Dodd's *Cases on Constitutional Law* (2nd edition).

EQUITY I AND EQUITY II

Five Hours, Winter Quarter
Three hours, Spring Quarter

The nature of equity jurisdiction, the history of equity jurisprudence; powers of courts of equity; specific performance of contracts; subject-matter of the contract; affirmative and negative contracts; contracts for arbitration and appraisal; damages in addition to or in lieu of specific performance; equitable servitudes; consequences of the right to specific performance; partial performance with compensation; marketable titles; the statute of frauds; plaintiff's default or laches as a bar to relief; certain discretionary defenses to specific performance; lack of mutuality as a bar to relief.

MR. MCWHORTER

Chafee and Simpson's *Cases on Equity.*

EVIDENCE

Five hours, Fall Quarter

Judicial notice; examination of witnesses; competency and privileges of witnesses; relevancy; direct and circumstantial evidence; illegal obtainment; opinion evidence; hearsay; authentication and production of writings; interpretative evidence; functions of judge and jury; burden of proof; presumptions.

JUDGE WEST

Morgan and Maguire's *Cases on Evidence.*

GEORGIA PRACTICE

Four hours, Spring Quarter

The Georgia judicial system and jurisdiction of the various trial courts; remedies; pleading, practice and procedure in Georgia courts.

MR. WEST

Selected Materials.

INSURANCE

Three hours, Winter Quarter

General principles of insurance law, emphasizing life and fire, but considering also accident, marine, and guaranty insurance. Making and construction of the contract; insurable interest; concealment; misrepresentation; warranties; waiver; estoppel; power of agents, measure of recovery; rights of assignees and beneficiaries.

JUDGE FORTSON

Vance's *Cases on Insurance* (3rd edition).

JURISPRUDENCE

Two hours, Spring Quarter

This course deals with the general nature, source and interpretation of law as it has developed in the modern state. The following are among the subjects discussed; systems of law; law and rights; public and private law; international law; rights in rem and rights in personam.

MR. COHN

Selected Materials.

LEGAL ACCOUNTING

Three hours, Winter Quarter

Principles of accounting, with emphasis on the corporation, including problems of capital, profits, valuation, insolvency, and the analysis of

financial statements. Intended especially to provide an accounting background for courses in Business Units, Taxation, Trusts, and Estates for students who had no previous training in accounting.

MR. HECKMAN

Graham and Katz *Accounting in Law Practice* and Selected Materials.

NEGOTIABLE INSTRUMENTS

Four hours, Spring Quarter

The law of bills, notes and checks prior to the adoption of the Uniform Negotiable Instruments Law; the effect of this Act.

Smith and Moore's *Cases on Bills and Notes* (3rd edition)

PROPERTY II

Five hours, Fall Quarter

Tenure; estates in land; common law conveyancing; covenants for title; delivery and acceptance of deeds; after-acquired titles; rents; covenants running with the land; waste; creation of easements or profits by express grant and by implication; licenses.

MR. MCWHORTER

Warrent *Cases on Property* (2nd edition).

PUBLIC CORPORATIONS*

Three hours, Spring Quarter

The history and development of public corporations; their nature, creation, classification, liabilities, powers and duties; municipal corporations their creation, alteration, dissolution, powers and duties, and actions by and against; quasi-public corporation, their nature, regulation and control.

Casebook to be announced.

SALES*

Three hours, Spring Quarter

This course deals with executory and executed contracts for the sale of personal property and with the rights and remedies of buyers and sellers under the common law and Uniform Sales Act and in the State of Georgia.

Woodward's *Cases on Sales* (3rd edition).

THIRD YEAR

ABSTRACTS OF TITLE

Two hours, Winter Quarter

The main purpose of this course is to afford students an opportunity to receive practical experience in preparing abstracts to real property titles. Preliminary to the practical work, there will be a brief study of the various estates in land, and how, and by what instruments they are created; and also a study of recordation statutes, including the scope and effect of such statutes, and the effectiveness of record.

MR. MCWHORTER

Selected Materials.

APPELLATE PROCEDURE

Three hours, Fall Quarter

A study of the procedure commonly followed in the review of causes in the various appellate state courts of appeal, with special emphasis on the Georgia procedure. The following subjects are examined: The nature and methods of review; preparation for review; transfer of causes to appellate courts; brief-writing; disposition of causes on appeal.

Selected Materials.

*Registration open to third-year students.

BANKRUPTCY

Three hours, Spring Quarter

Jurisdiction of the United States and the several states; who may be a bankrupt; who may be petitioning creditors; acts of bankruptcy; what property passes to the trustee; provable claims: duties and powers of the bankrupt and his trustee; protection, exemption and discharge; compositions, extensions and reorganizations.

Holbrook and Aigler's *Cases on Bankruptcy* (4th edition).

CONFLICT OF LAWS

Four hours, Fall Quarter

Jurisdiction over persons and things; domicile as a basis of personal jurisdiction; law governing the creation of personal and property rights; the recognition and enforcement by one state of rights created by the laws of another state, including questions arising out of capacity, marriage, legitimacy, and inheritance; the nature and effect of judgments and decrees, and their enforcement outside the jurisdiction where rendered.

Casebook to be announced.

DAMAGES

Three hours, Spring Quarter

Nominal and exemplary damages; compensatory damages; direct and consequential damages in tort and contract cases; aggravation and mitigation of damages; liquidated damages; value; interest; counsel fees and other expenses of litigation; non-pecuniary losses; entirety of recovery; damages in specific actions.

McCormick's *Cases on Damages.*

EQUITY III

Two hours, Winter Quarter

Interpleader; bills of peace; bills quia timet for the cancellation and surrender of contracts; removal of cloud on title; declaratory judgments.

MR. MCWHORTER

Chafee's *Cases on Equitable Remedies.*

FEDERAL PROCEDURE

Three hours, Fall Quarter

Nature, source and extent of the Federal judicial power. Original removal and appellate jurisdiction and procedure in the Federal Courts. State laws as rules of decision. Practice under the Rules of Civil Procedure.

Case book to be announced.

GOVERNMENT REGULATION OF BUSINESS

Four hours, Fall Quarter

In this course a study is made of contracts and combinations in restraint of trade, the Sherman anti-trust act, trade marks, and trade names, regulation of advertising, appropriation of competitor's trade values and the misrepresentation of his product, resale price fixing, tying agreements and national legislation against price discrimination.

MR. SHINN

Oppenheim's *Cases on Trade Regulation.*

LABOR LAW

Three hours, Winter Quarter

History of the labor movement; interference with advantageous relations; inducing breach of contract, termination of relationship and legislative regulation of anti-union contracts. Conduct of a striker, and the right to strike. Federal intervention in labor controversies including operation of National Labor Relations Board.

Landis' *Cases on Labor Law.*

LEGISLATION

Three hours, Spring Quarter

The art and science of drafting statutes; the interpretation of statutes; types of statutes; relation between common law and statute laws; constitutional control of legislation. Special study and research with respect to specific legislative problems.

Selected Materials.

PRACTICE COURT

One hour, Fall Quarter
One hour, Winter Quarter
One hour, Spring Quarter

A course in practice to acquaint students with actual practice in both trial and appellate courts. Students are required to prepare pleadings, issue process, file and docket suits, argue cases before court and jury, prepare verdicts, judgments, motions for new trial and bills of exception.

MR. WEST

PUBLIC UTILITIES

Four hours, Fall Quarter

Consideration of the evolution of the public utility concept, and of its present-day scope in American law. Especial attention is given to problems of valuation and rate-control and to the regulation of public utilities by administrative commissions both State and Federal.

MR. SHINN

Robinson's *Cases on Public Utilities* (2nd edition).

QUASI CONTRACTS AND EQUITABLE RELIEF AGAINST MISTAKE

Three hours, Fall Quarter

This course involves a study of the legal consequences of various types of defect in the formation and in the performance of contracts with special emphasis on available remedies, legal and equitable, contractual and quasi contractual. It deals with the right to the restitution of benefits conferred under mistake both of fact and of law.

Patterson's *Cases on Contracts* II, *Volume* II.

SECURITY TRANSACTIONS

Four hours, Winter Quarter

This course deals with the problems which arise in connection with the subjects of suretyship and real estate and chattel mortgages. The following are among the many subjects discussed: creation of suretyship relation; surety's rights against the principal debtor; defenses of the survey; the subject of security interests in land; the creation of land security devices; priorities; assignment and enforcement of real estate security; real estate finance; pledges; conditional sales.

Mimeographed Materials.

TAXATION

Three hours, Fall Quarter

A consideration of personal, property, excise, inheritance and income taxes.

MR. HECKMAN

Casebook to be announced.

TRUSTS AND ESTATES I AND II

Four hours, Winter Quarter
Four hours, Spring Quarter

The work in Trusts and Estates I covers the creation and elements of a trust, charitable trusts, resulting and constructive trusts, administration and termination of trusts, the transfer of the beneficial interest and liabilities to third parties.

In part II a study is made of the making, execution, revocation, republication and probate of wills and the administration of estates. In both parts I and II attention is given to future interests problems which naturally arise from wills and trusts cases, such as estates, created by expressed and implied limitations, expectant estates, the rule against perpetuities, powers, and the rule in Shelley's case.

MR. SHINN

Scott's *Cases on Trusts* (3rd edition), and Selected Materials in Wills and Estates.

THE SCHOOL OF PHARMACY

THE FACULTY

ROBERT CUMMING WILSON, PH.G., *Dean of the School.*

JOHN WHITE NELSON, B.S.PHAR., M.S.PHAR., *Assistant Professor.*

WOOTEN TAYLOR SUMERFORD, B.S.PHAR., M.S.CHEM., PH.D., *Professor.*

ROBERT CUMMING WILSON, PH.G., *Professor*

HARMON W. CALDWELL, A.B., LL.B., LL.D., *President of the University* and *Ex-officio Member of the Faculty.*

L. L. HENDREN, A.B., M.A., PH.D., *Dean of Faculties* and *Ex-Officio Member of the Faculty.*

WILLIAM TATE, A.B., M.A., *Dean of Students.*

T. W. REED, M.A., LL.B., *Registrar.*

J. RALPH THAXTOM, A.B., M.A., PH.D., *Director of Admissions*

J. D. BOLTON, C.P.A., *Comptroller and Treasurer.*

Courses other than Pharmacy are taught by faculties of other schools and colleges within the University.

GENERAL INFORMATION

HISTORICAL

The School of Pharmacy was created and became an integral department of the University in 1903. During the first twenty-three years the Pharmacy Course extended over a period of two years. Students completing the course received the certificate Graduate in Pharmacy. Beginning in September, 1926, the four-year plan of study leading to the degree, Bachelor of Science in Pharmacy, was inaugurated.

ACCELERATED PROGRAM

For the duration of the war, the School of Pharmacy has adopted the accelerated program of study. Freshmen and transfer students may register at the beginning of any quarter. It is contemplated that students by attending college four quarters each year may complete the requirements for the degree in three calendar years, thus preparing themselves for service in civilian or governmental practice one calendar year sooner than would be true under the regular four-year plan of study.

Women may elect the four-year plan of study in lieu of the accelerated program.

FUNCTIONS OF THE SCHOOL OF PHARMACY

The primary function of the School of Pharmacy is to train young men and women for positions of responsibility in retail pharmacy or for service in one or more branches of Pharmacy. It is felt that this can best be done by co-ordinating the instruction in the cultural and scientific courses with the instruction of a distinctly technical nature. An additional function is to give the graduate a proper conception of his professional responsibilities and thereby enable him to correlate his efforts with those of the medical profession and other public health agencies in the interest of public health.

WOMEN IN PHARMACY

Of the estimated 85,000 pharmacists in the United States approximately 5,000 are women. In recent years about 15% of students enrolled in colleges of Pharmacy have been women, and the number is steadily increasing. Women function well in all capacities in Pharmacy, particularly in the research and control laboratories of the pharmaceutical manufacturers, in hospital dispensaries, and in the retail practice of the profession.

The suitability of Pharmacy as a career for women is just beginning to be fully realized. There are no severe physical requirements which place them at a disadvantage; they can deal with the "drug store public"—a majority of which are composed of women—much more skillfully in many phases of pharmaceutical practice than men; in achieving the ambition of owning one's own business, women face highly favorable conditions in Pharmacy, with certain special opportunities found in no other field; finally, the fact that the place for women in Pharmacy is receiving somewhat belated recognition creates particularly auspicious circumstances for those who now select this profession.

FACILITIES

The School of Pharmacy occupies the second and third floors of New College. This building has been entirely remodeled, giving an approximate

floor space of ten thousand square feet for the use of the School. Laboratories, class rooms and reading rooms are all well lighted and ventilated. A special feature of the instruction is provided in the dispensing laboratory, which has been handsomely equipped through funds donated by a friend of the school. A dispensary is operated by the School of Pharmacy in which prescriptions for students of the University are filled by Senior Pharmacy students under supervision of a faculty member. The building is near the Infirmary, the General Library, and the buildings in which Pharmacy students take some of their courses.

DEGREES

On completion of the required work, the degree, Bachelor of Science in Pharmacy, is awarded.

ADMISSION REQUIREMENTS

Admission to the School of Pharmacy is on the same basis as entrance to any other department of the University. Briefly stated, the applicant must be a graduate of an accredited high school and present entrance units compiled as follows:

English	3 Units
Social Studies	2 Units
Mathematics	2 Units
Science	1 Unit
Electives	8 Units

ADMISSION TO ADVANCED STANDING

Courses paralleling our courses but taken in schools or colleges of pharmacy with membership in the American Association of Colleges of Pharmacy will be accepted for full credit.

Students may complete one year of work in a recognized Junior College and be admitted to the Sophomore Class. The same applies to students who transfer from other departments in the University.

It is preferable, however, for a student to spend the entire four years in the School of Pharmacy to have the advantage of its direction and guidance in courses taken. This School and other member schools of the American Association of Colleges of Pharmacy require a student, regardless of credits, to spend a minimum of three years in the School of Pharmacy.

REQUIREMENTS FOR GRADUATION

Freshman

	Hours
English 2a-b-c	9
Social Science 1a-b-c	9
Human Biology 1-2	10
Pharmacy 1	5
Pharmacy 2	5
Mathematics 4 or 30	5
Botany 21 or Zoology 25	5
Military Science 1	5
	53

Sophomore

	Hours
Chemistry 21-22-23	15
Physics 20	5
Pharmacy 6	5
Pharmacy 7	5
Pharmacy 8	5
Botany 22 or Zoology 26	5
Pharmacy 50	5
Military Science 2	5
	50

JUNIOR

	Hours
Chemistry 340a-b	10
Chemistry 380	5
Bacteriology 350-351	10
Pharmacy 351	3
Pharmacy 352	3
Pharmacy 353	3
Pharmacy 356	5
Pharmacy 357	5
Pharmacy 358	5
Elective (Business Administration)	5
	54

SENIOR

	Hours
Pharmacy 361	5
Pharmacy 362	5
Pharmacy 363	5
Pharmacy 364	5
Pharmacy 365	5
Pharmacy 366 a-b	6
Pharmacy 367 a-b	6
Pharmacy 369	3
Pharmacy 370	3
Pharmacy 371	3
	46

Total requirements, 193 hours exclusive of the required courses in Military Science 1-2 or Health Education 1-2. Whereas a grade of "D" is considered passing in some of the non-professional courses, a minimum grade of "C" is required in all professional courses. A student who fails to receive a minimum grade of "C" in a professional course must repeat that course.

SPECIAL REGULATIONS

Students in the School of Pharmacy must observe strict absence regulations administered by the Dean of the School of Pharmacy. Absence from classes or other evidence of indifference on the part of a student results in failures; and, since students in the School of Pharmacy are preparing for a definite professional career, indifference to college work will not be condoned.

EXPENSES

A detailed statement of expenses will be found in the general statement in the catalog of the University, but briefly stated, the expenses for a college year are approximately as follows:

	Low	*High*
Matriculation Fees for Three Quarters	$142.50	$142.50
Fees:		
Laboratory	7.50	22.50
Breakage Deposit	15.00	30.00
Military	30.00*	55.00**
Books	30.00	45.00
Room, Board	150.00	360.00
Laundry	21.00	30.00
Total	$396.00	$685.00
Non-Residence Fee	132.00	132.00

INCIDENTAL EXPENSES

Incidental expenses of a student are what he makes them. Any amount largely in excess of the amounts named is conducive to neglect of college work. Parents are urged to regulate this item, as control over expenditures cannot be exercised by the college.

* This fee is paid only upon first registration for basic military training.
** This fee is paid only upon first registration for advanced military training

STUDENT AID

The University has a number of loan funds. Of these the most important is the Brown Fund, which assists many students in maintaining themselves in college. Numerous other loan funds are listed in the bulletin of General Information issued by the University. For information concerning loans and available part-time employment, write to Mrs. Dorothy Whitehead, Student Aid Supervisor.

The Women's Auxiliary of the Georgia Pharmaceutical Association lends a small amount of money each year to deserving students in the Junior and Senior years, who are making creditable marks. This loan is handled by the Auxiliary on recommendation of the Dean of the School of Pharmacy.

STUDENT ACTIVITIES

Since the School of Pharmacy is an integral part of the University, its students participate in all University educational, fraternal, literary, athletics and social activities. In addition to general activities of the University, students in the School of Pharmacy maintain the Mortar and Pestle Club, the function of which is to establish a closer fraternal and social relationship among students in Pharmacy and to broaden their outlook by bringing in speakers on topics related to some health activity.

MILITARY TRAINING

Under normal conditions, all men students in the University are required to take six quarters of basic military science. New enrollments in advanced courses of the junior and senior years have been discontinued by the War Department.

INFIRMARY FACILITIES

The School of Pharmacy functions as an integral part of the Student Health Service, and, in addition to other activities, furnishes a prescription service in its dispensary for the entire student body. Members of the Student Health Service staff are called upon for lectures to Pharmacy students as to the part they must play in all public health programs.

PLACEMENT OF GRADUATES

There is at this time a splendid demand for college trained graduates in Pharmacy, and this demand will continue into the future. Usually all candidates for degrees secure employment beginning immediately after graduation. Although most Pharmacy graduates go into the retail drug business, there are opportunities as Pharmacists in various departments of the Federal and State Governments, as detail men or salesmen with manufacturing pharmacists, or as research workers in some phase of the drug industry.

NATIONAL STANDING

The School of Pharmacy holds membership in the American Association of Colleges of Pharmacy, and is on the list of schools accredited by the American Council on Pharmaceutical Education. As a prerequisite for taking the examination for license, most State Boards of Pharmacy specify that the applicant must be a graduate of a school or college which has been accredited by the American Council on Pharmaceutical Education.

STATE BOARD EXAMINATIONS

The Georgia State Board of Pharmacy holds examinations twice each year in Atlanta for license to practice pharmacy in Georgia. Graduates of the University usually take the examination in June each year. Under the existing law, applicants for license to practice pharmacy in Georgia must be graduated from a "generally recognized school or college of pharmacy," and must have had at least one year of practical experience in a drug store under the supervision of a licensed pharmacist.

DESCRIPTION OF COURSES

NOTE: Due primarily to war conditions some of the courses listed may not be offered as announced. In particular the University reserves the right to withdraw any course for which the registration is not sufficiently large.

The official University schedule for the Fall, Winter and Spring courses will be ready for distribution on September 15th. A copy will be mailed by the Registrar upon request.

PHARMACY

(All Courses on North Campus, Pharmacy Building)

1-2. ARITHMETIC IN PHARMACY. 10 hours (five hours per quarter). Fall and Winter Quarters. *Mr. Wilson.*

The study of weights and measures, calculations involving percentage solutions, dilutions and concentrations, specific gravities, and commercial arithmetic.

6. GALENICAL PHARMACY. 5 hours. Three hours of lecture and four hours of laboratory per week. Laboratory fee $2.50. Summer Quarter. *Mr. Wilson.*

A study of the simple preparations of the United States Pharmacopoeia and National Formulary, including waters, syrups, simple solutions, ampuls, spirits, elixirs, sprays, powders etc. Typical examples of these preparations are prepared in the laboratory.

7. GALENICAL PHARMACY. 5 hours. Three hours of lecture and four hours of laboratory per week. Laboratory fee $2.50. Fall Quarter. *Mr. Wilson.*

A study of the official preparations obtained by the extraction of vegetable and animal drugs. The principles and type methods of extraction outlined in the lectures are illustrated in the laboratory preparations.

8. GALENICAL PHARMACY. 5 hours. Three hours of lecture and four hours of laboratory per week. Laboratory fee $2.50. Winter Quarter. *Mr. Wilson.*

A study of the more complex official preparations including emulsions liniments, pills, masses, ointments, tablets, lotions mixtures, etc. The manufacture of selected preparations is carried out in the laboratory.

361. PRESCRIPTION COMPOUNDING. 5 hours. Two hours of lecture and six hours of laboratory per week. Laboratory fee $2.50. Summer Quarter. *Mr. Nelson.*

Prescriptions are read, interpreted and compounded. The extemporaneous preparation of powders, capsules, tablets, pills, ointments, suppositories, emulsions, mixtures and solutions, etc., is carried out in the laboratory.

362. ADVANCED PRESCRIPTION COMPOUNDING. 5 hours. Two hours of lecture and six hours of laboratory per week. Laboratory fee $2.50. Fall Quarter. *Mr. Nelson.*

A course designed to familiarize the student with the preparation of isotonic, buffered and parenteral solutions, the physical chemistry involved in prescriptions, and the incompatibilities of prescription chemicals. In the laboratory, the telephone reception of prescriptions and practice in filling prescriptions for the student body in the dispensary supplement the laboratory work involved in the lecture material outlined above.

369. PHARMACEUTICAL JURISPRUDENCE. 3 hours. Spring Quarter. *Mr. Wilson.*

A review of the various laws involved in the practice of pharmacy.

370. INSECTICIDES, FUNGICIDES, AND PARASITICIDES. 3 hours. Winter Quarter. *Mr. Sumerford.*

A course dealing with the source, use, application, preparation and toxicology of the various agents used as insecticides, fungicides, parasiticides and rodenticides.

371. PRINCIPLES OF DRUG STORE MANAGEMENT. 5 hours. Spring Quarter. *Mr. Nelson.*

The principles of stock control, advertising, arrangement, sales methods and policies, selection of locations, etc., are discussed. Proprietaries and USP and NF detailing are considered. Each student is assigned to study and make a report on the management of an actual drug store.

PHARMACOGNOSY

50. BEGINNING PHARMACOGNOSY. 5 hours. Three hours lecture and four hours laboratory per week. Prerequisites: Botany 21-22. No laboratory fee. Spring Quarter. *Mr. Nelson.*

A study of the history, sources, methods of preparation, commerce, scientific and common names, physical characteristics, active constituents, standards, medicinal adaptability, official preparations and common proprietaries of crude vegetable drugs. Specimens are furnished to each student for macroscopical methods of identification.

351. PHARMACOGNOSY. 3 hours. Two hours lecture and two hours laboratory per week. Prerequisites: Pharmacy 50. No laboratory fee. Summer Quarter. *Mr. Nelson.*

A continuation of Beginning Pharmacognosy including drugs of animal origin.

PHARMACOLOGY

352. PHARMACOLOGY. 3 hours of lecture and recitation. Prerequisites: Human Biology 1-2 or equivalents; Pharmacy 351. Fall Quarter. *Mr. Nelson.*

An introduction to pharmacology including definitions, official standards, theories of drug action, classification of medicinal agents, posology, action, and therapeutic uses of drugs and their preparations.

353. PHARMACOLOGY. 3 hours of lecture and recitation. Prerequisites: Pharmacy 352. Winter Quarter. *Mr. Nelson.*

A study of the actions and therapeutic uses of drugs and their preparations following a systematic outline based on a therapeutic or "use" classification.

366-a. PHARMACOLOGY. 3 hours of lecture and recitation. Prerequisites: Pharmacy 353. Summer Quarter. *Mr. Nelson.*

A continuation of Pharmacy 353. Mr. Nelson.

366-b. PHARMACOLOGY. 3 hours. One hour lecture and four hours laboratory per week. Winter Quarter. *Mr. Nelson.*

The practical laboratory application of pharmacological methods with special emphasis on the types of biological assays of the U. S. P. Laboratory consists of both individual and demonstration experiments.

367-a. BIOLOGICAL PRODUCTS. 3 hours. Prerequisites: Bacteriology 350-351 or equivalents. Summer Quarter. *Mr. Nelson.*

A study of biological medicinals from a pharaceutical viewpoint. The classification, preparation, storage, and medicinal use of antitoxins, serums, vaccines, diagnostic reagents, and miscellaneous materials.

367-b. TOXICOLOGY. 3 hours. Prerequisites: Pharmacy 366-a. Fall Quarter. *Mr. Nelson.*

Classification of poisons, symptoms and antidotes. First aid measures of practical value to the pharmacist.

PHARMACEUTICAL CHEMISTRY

356. THE CHEMISTRY OF THE NON-METALS. Three hours of lecture and four hours of laboratory per week. Prerequisites: Chemistry 21-22-23. Laboratory fee $2.50. Summer Quarter. *Mr. Sumerford.*

A course designed to emphasize the chemistry of the non-metallic elements, their compounds and preparations having application in Medicine and Pharmacy.

357. The Chemistry of the Metals. 5 hours. Three hours of lecture and four hours of laboratory per week. Prerequisite: Pharmacy 356. Laboratory fee $2.50. Fall Quarter. *Mr. Sumerford.*

A course designed to emphasize the chemistry of the metals, their compounds and preparations having application in Medicine and Pharmacy.

358. Drug Assaying. 5 hours. One hour of lecture and eight hours of laboratory per week. Prerequisites: Pharmacy 357-Chemistry 380. Laboratory fee $2.50. Winter Quarter. *Mr. Sumerford.*

A course devoted to typical volumetric, gravimetric, and gasometric analyses of selected official drugs, including the quantitative determination of alkaloids and other plant principles.

363. Organic Medicinal Products. 5 hours. Three hours of lecture and four hours laboratory per week. Prerequisites: Chemistry 340-a and 340-b. Laboratory fee $2.50. Summer Quarter. *Mr. Sumerford.*

The hydrocarbons, halogenated hydrocarbons, alcohols, phenols, and ethers of medicinal and pharmaceutical importance.

364. Organic Medicinal Products. 5 hours. Three hours of lecture and four hours of laboratory per week. Prerequisite: Pharmacy 363. Laboratory fee $2.50. Fall Quarter. *Mr. Sumerford.*

The acids, esters, salols, aldehydes, and ketones of medicinal and pharmaceutical importance.

365. Organic Medicinal Products. 5 hours. Three hours of lecture and four hours of laboratory per week. Prerequisite: Pharmacy 364. Laboratory fee $2.50. Winter Quarter. *Mr. Sumerford.*

The nitrogen derivatives, sulfur derivatives, organo-metallic compounds, and dyes of medicinal and pharmaceutical importance.

BACTERIOLOGY

(All Courses on North Campus, LeConte Hall)

350. General Bacteriology. 5 hours. Two lecture or recitation and three double laboratory periods. Laboratory fee $2.50. Breakage fee $2.50. Prerequisite: Chemistry 21-22 (or 21,24) and two courses in Biological Science. Fall, Winter or Spring Quarters. *Bacteriology Staff.*

351. General Bacteriology. 5 hours. Two recitation or lecture and three two-hour laboratory periods. Laboratory fee $2.50. Breakage fee $2.50. Prerequisite: Bacteriology 350. Winter Quarter. *Bacteriology Staff.*

BOTANY

(All Courses on North Campus, LeConte Hall)

21-22. Elementary Botany. 10 hours. Five one-hour laboratory-discussion periods for each (21 and 22). Laboratory fee $2.50 for each course. Section of 21 in Fall, Winter and Spring Quarters; 22 in Fall, Winter and Spring Quarters. *Botany Staff.*

BIOLOGY

1-2. Human Biology. Double course. 10 hours (five hours per quarter). Fall and Winter and Winter and Spring Quarters. N. Campus, LeConte Hall. *Zoology Staff.*

The aim of this course is to give the student some acquaintance with vital phenomena in general and their application to the human organism. The first half of the course will deal particularly with the problems of the individual. Its subject matter will include an introduction to the fundamental facts of biology, human anatomy and physiology, and the maintenance of health in the individual. The second half will deal with the problems of the racial life of man. In this phase of the course will be included studies of public health problems, reproductions, genetics and eugenics, and racial development.

CHEMISTRY

21. Inorganic Chemistry. 5 hours. Three lecture or recitation and two laboratory periods. Fee $2.50. Breakage deposit $5.00. *Chemistry Staff.*

A general course in the chemistry of non-metallic elements, including a systematic treatment of chemical principles and their applications.

22. INORGANIC CHEMISTRY. 5 hours. Three lecture or recitation and two laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 21. *Chemistry Staff.*

A continuation of Chemistry 21, including a general survey of the metallic elements.

23. QUALITATIVE INORGANIC ANALYSIS. 5 hours. Two lecture or recitation and three laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 22 or 24. *Chemistry Staff.*

The fundamental theories of qualitative analysis and analyses of the common cations and anions.

340a-b. ORGANIC CHEMISTRY. 10 hours. Three or four lectures or recitations and one or two laboratory periods. Fee $5.00 ($2.50 for each quarter). Breakage deposit $10.00 ($5.00 for each quarter). Prerequisite: Chemistry 21-22 with a minimum grade of 70. *Chemistry Staff.*

Chemistry 340a—The aliphatic hydrocarbons and their derivatives. Chemistry 340b—A continuation of 340 and a treatment of the coal tar compounds.

380. QUANTITATIVE INORGANIC ANALYSIS. 5 hours. Two lecture and three laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 23. *Chemistry Staff.*

The fundamental theories of quantitative analysis and typical gravimetric, volumetric and oxidimetric analysis.

ENGLISH

2a-b-c. COMPOSITION. 9 hours (3 hours per quarter). Fall, Winter and Spring Quarters. N. Campus. Language Building. *English Staff.*

MATHEMATICS

20. FRESHMAN MATHEMATICS. 5 hours. Fall, Winter or Spring Quarters. Academic Building, N. Campus. *Mathematics Staff.*

A beginning course in algebra, statistics, finance and trignometry.

30. TRIGONOMETRY. 5 hours. Fall Quarter. Academic Building, N. Campus. *Mathematics Staff.*

A course in plane trigonometry, given especially for students in agricultural engineering, emphasizes logarithms and numerical calculations.

MILITARY SCIENCE AND TACTICS

(All Courses on North Campus, R. O. T. C. Building)

1-2a-b-c. MILITARY SCIENCE AND TACTICS (Cavalry-Infantry). Four recitations, lecture periods, or practical drills per week for three quarters for each course. Double course.

Two academic years. Required for all physically fit male students registered as freshmen or sophomores in all courses.

These courses include: Obligations of Citizenship, Military History and Policy of the United States, Current International Situation, Military Courtesy and Discipline, Drill Map Reading, basic training in weapon and minor tactics. Hygiene, Sanitation and First Aid, Command and Leadership. Cavalry students, in addition, study equitation and care of animals.

PHYSICS

20. PHYSICS SURVEY. 5 hours. Four class and one laboratory period. Fee $2.50. Fall, Winter and Spring Quarters. N. Campus. Physics Building. *Physics Staff.*

An elementary survey of the development of physics, with a study of some of the simpler applications of physics. The laboratory work will be devoted to measurements designed to give an introduction in laboratory methods.

SOCIAL SCIENCE SURVEYS

1a-b-c. SOCIAL SCIENCE SURVEY. 9 hours (three hours per quarter). Fall, Winter and Spring Quarters. N. Campus, Academic Building.

A brief study of the historical, political, economic and social factors molding modern civilization. Taught by members of the Departments of History, Sociology and Economics.

ZOOLOGY

25-26. GENERAL ZOOLOGY. 10 hours. (five hours per quarter). Two lecture and three double laboratory periods. Laboratory fee $2.50 per unit. Prerequisite: Human Biology 1-2 or Botany 21-22. 25—Fall and Spring Quarters, N. Campus. 26—Winter or Spring Quarter, N. Campus. LeConte Hall. *Zoology Staff.*

Zoology 25 is a survey of the invertebrates and may be taken independently of Zoology 26. Zoology 26 is a general survey of the vertebrates based upon either Human Biology 1-2 and Zoology 25, or Zoology 21-22. Pre-medical students taking a year of Zoology should take Zoology 21-22 and 26.

THE COLLEGE OF AGRICULTURE

THE FACULTY

PAUL WILBER CHAPMAN, B.S.A., M.S., SC.D., Dean of the College.

K. M. AUTREY, B.S., M.S., PH.D., *Assistant Professor of Dairying.*

JOSEPH COLUMBUS BELL, B.S.A., *Professor of Poultry Husbandry* and *Head of the Department of Poultry Husbandry.*

FREDERICK WILLIAM BENNETT, B.S.A., M.S., *Associate Professor of Dairying.*

ROY A. BOWDEN, B.S.A., *Instructor in Horticulture.*

MARY GWENDOLYN BURTON, A.B., M.A., *Research Associate in Plant Pathology.*

JOHN R. CARREKER, B.S. M.S., *Research Associate in Agricultural Engineering* and *Associate Agricultural Engineer, SCS, USDA.*

WILLIAM OLIN COLLINS, B.S.A., *Professor of Agronomy* and *Head of the Department of Agronomy.*

JAMES BRONOUGH COOPER, B.S.A., M.S.A., *Assistant Professor of Poultry Husbandry.*

WALTER NEWMAN DANNER, JR., B.S.A.E., M.S.A., *Professor of Agricultural Engineering.*

URIAH HARROLD DAVENPORT, B.S., *Professor of Agricultural Engineering.*

RUDOLPH HENRY DRIFTMIER, B.S.A.E., M.S., A.E., *Professor of Agricultural Engineering* and *Head of Department of Agricultural Engineering.*

**JOHN RICHARD FAIN, B.S., SC.D., *Professor Emeritus of Agronomy.*

*JOHN WILLIAM FIROR, B.S., M.S.A., *Professor of Agricultural Economics* and *Head of the Department of Agricultural Economics.*

*JOHN B. GREINER, B.S.A.E., M.S., *Research Associate in Rural Electrification.*

H. B. HENDERSON, B.S., M.S., *Professor of Dairying* and *Head of Department of Dairying.*

*WILLIAM EUGENE HUDSON, B.S.A.E., M.S.A.E., *Assistant Professor in Agricultural Engineering.*

EDWIN JAMES, B.S., M.S., *Assistant Professor of Agronomy.*

MILTON PRESTON JARNAGIN, B.S.A., M.AGR., SC.D., *Professor of Animal Husbandry* and *Head of the Department of Animal Husbandry.*

THOMAS J. JONES, B.S.A., D.V.M., *Assistant Professor of Animal Husbandry.*

RUFUS LAFAYETTE KEENER, B.S.A., M.S.A., *Professor of Horticulture.*

*DRAYTON T. KINARD, B.S.A.E., M.S., *Research Associate in Agricultural Engineering.*

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*On leave.
**Deceased.

FRANK P. KING, B.S.A., M.S.A., *Associate Professor of Agricultural Economics.*

*FRANK BRISTOL LANHAM, B.S., M.S., *Research Associate in Agricultural Engineering.*

JULIAN HOWELL MILLER, B.S.A., M.S., PH.D., *Professor of Plant Pathology and Plant Breeding* and *Head of the Department of Plant Pathology and Plant Breeding.*

CALVIN CLYDE MURRAY, B.S., M.S., *Associate Professor of Agronomy.*

MERRITT J. MURRAY, B.S., M.A., PH.D., *Associate Professor of Plant Pathology.*

THOMAS HUBBARD MCHATTON, B.S., M.HORT., SC.D., *Professor of Horticulture* and *Head of the Department of Horticulture.*

ALBERT G. G. RICHARDSON, D.V.M., *Professor Emeritus of Animal Husbandry.*

*JAMES LIVINGSTON SHEPHERD, B.S.M.E., B.S.A.E., *Assistant Professor of Agricultural Engineering.*

*DARRELL T. SULLIVAN, B.S.A., M.S.A., *Instructor in Horticulture.*

GEORGE EDWARD THOMPSON, B.S.A., M.A., PH.D., *Associate Professor of Plant Pathology.*

HOYT J. B. TURNER, B.S.A., *Associate Professor of Food Processing and Acting Head of the Department of Food Processing.*

EDWARD PERRIN WARREN, B.S.A., *Assistant Professor of Animal Husbandry.*

HAROLD DOUGLAS WHITE, B.S.A.E., M.S., *Associate Professor of Agricultural Engineering.*

IDA ELIZABETH WHITE, B.S.H.E., *Technician, Department of Food Processing.*

* On leave.

GENERAL INFORMATION

Each state has one institution of higher learning, known as a Land-Grant College or University, which is approved by officials of the Federal Government for giving college instruction in agriculture and related fields. In Georgia, that institution is the University of Georgia, of which the College of Agriculture is an integral part.

The University of Georgia is a member of the American Association of Land-Grant Colleges and Universities. It has been approved by the United States Commissioner of Education for giving college instruction in Agriculture and Agricultural Engineering. The University receives grants from the Federal Government to aid in financing its educational program in these fields. It is officially recognized and approved by the United States Department of Agriculture and other agencies of the Federal Government concerned with farming and related occupations.

All facilities of the University are available to students in the College of Agriculture. This means, among other things, a faculty of more than 250 men and women; buildings and property worth more than $5,000,000; and a farm and campus of more than 3,500 acres.

COURSES AND DEGREES

The College of Agriculture offers degree courses in Agriculture and Agricultural Engineering.

Upon completion of the four-year course outlined, students registered in Agriculture may receive the degree of Bachelor of Science in Agriculture; and students in Agricultural Engineering, the degree of Bachelor of Science in Agricultural Engineering.

Graduate work is offered in both Agriculture and Agricultural Engineering. Master's degrees—Master of Science in Agriculture and Master of Science in Agricultural Engineering—normally require one year in residence after requirements for the bachelor's degree have been completed.

Students wishing to prepare themselves for the business of farming, and having no desire to secure a degree, will be awarded a Certificate of Attainment upon completion of the work outlined for the first two years. The course has been planned with this objective in mind.

Many short courses of a practical and intensive nature are offered by the College of Agriculture. Announcements of these courses will be made throughout the year. Any course will be offered for which there is sufficient demand. A citizen of Georgia desiring to take any such course should write to the Dean of the College of Agriculture, indicating the field or problem in which instruction is desired. Among the intensive courses offered is the Farm Short Course held annually in January and February. This is designed for young farmers between the ages of 18 and 30 years. A special announcement concerning the Farm Short Course will be made in the early fall.

UNIVERSITY CALENDAR

The scholastic year at the University of Georgia is divided into four quarters of approximately three months each. A student may attend one, two, three, or four quarters a year. The majority of the students attend three quarters—from September to June. One very great advantage of the quarter system, especially for farm boys, is that they may attend the

University six months in the year and work on the home farm six months. This plan permits a boy to "make a crop" at home each year and combine labor and education in a manner advantageous to both types of employment. At the same time it provides a means of earning college expenses.

To complete the degree courses in agriculture and agricultural engineering requires four years of three quarters each; or twelve quarters, regardless of the distribution of time.

HOW TO ENTER THE UNIVERSITY

Students wishing to enter the University should have the proper school official mail to the Director of Admissions an official transcript of their high school or college credits. They should also write to the office of the Dean of Students and secure a dormitory reservation, provided that such accommodations are desired.

Students graduating from accredited high schools with a satisfactory record are admitted to the University on the basis of a transcript of their high school credits.

Students completing a four-year high school that is not accredited may enter the University by examination. Such examinations are held each year in June and during Freshman Week.

Students who have completed the two-year course at Abraham Baldwin College may enter the Junior class. All other junior college graduates will be admitted to the Junior class, but will be required to take the agricultural and science courses required by the College of Agriculture during the first two years.

No student may transfer into the College of Agriculture from other schools and colleges of the University or change his degree or major in the College of Agriculture unless having passed all work during the previous quarter and with a minimum average grade of C.

FRESHMAN AND SOPHOMORE SCHOLARSHIPS

To make it possible for a larger number of young men to prepare themselves for farming and agricultural vocations, the Board of Regents of the University System of Georgia has permitted the Dean of the College of Agriculture to award scholarships to deserving young men in the Freshman and Sophomore classes.

Students holding such scholarships will pay $27.50 each quarter in general fees.

To secure such a scholarship, write to Paul W. Chapman, Dean, College of Agriculture, the University of Georgia, for a form on which to make application.

Scholarships will be granted to farm boys who have made a satisfactory scholastic record in high school, who have studied vocational agriculture, or who have been members of a 4-H Club with a satisfactory record of achievement, and to other boys with a record of agricultural interests and accomplishments, who are recommended by their school superintendents or principals, by a county agricultural agent or home demonstration agent, or by a teacher of vocational agriculture.

The scholarship, if granted, will apply for two years, or for any quarter in which all the subjects studied are included among those required for

agriculture or agricultural engineering in the Freshman and Sophomore years.

Any person receiving such a scholarship, and later changing his course to a school or division of the University other than the College of Agriculture, will be required to pay the difference in fees.

No student may use this scholarship for more than six quarters. It may not be used during the Summer Quarter.

No student holding such a scholarship may carry courses other than those required during the first two years, except that a few students because of excellent marks may be permitted to register for one course more than the normal student load.

PAYMENT OF FEES AND EXPENSES

All fees, laboratory charges, board and room at University dormitories, or any deposits that may be required, will be placed on the *fee card* of the student at the time of registration. All fees and other charges must be paid in advance. It is highly desirable that the expenses for each quarter be paid at the time of registration, but provision for deferred payments may be made in consultation with the Treasurer of the University.

PART-TIME WORK

A limited number of part-time jobs will be available to those University students who wish to defray a part of their college expenses.

Normally, we could guarantee that approximately 25 per cent of our students might hope to find employment; but during the war period we have placed approximately 100 per cent of those asking for work.

All work opportunities at the University are administered by the Student Employment Bureau. Applications for work should be made to Mrs. Dorothy S. Whitehead on a form which will be supplied on request.

COSTS AT THE COLLEGE OF AGRICULTURE

Total costs have increased at the University during the war period because of the increases in "living expenses" including room, board, and laundry. There have been virtually no increases in University fees.

The general fees are $47.50 each quarter, except that the general fees of those holding Freshman and Sophomore scholarships will be $27.50. There are, in addition, laboratory fees for many of the science courses.

Military is required of all Freshman and Sophomore students who are physically fit. Such students must pay $30.00 at the time of registration—$5.00 for a textbook, and $25.00 as a deposit for uniforms and equipment.

The University of Georgia has excellent dormitories, but for the duration of the war these facilities have, for the most part, been made available to the Army and Navy for the use of men in our armed forces who are receiving training on the campus.

Some University dormitories are available for housing students. The names of the buildings available cannot be given in advance, but may be secured for any quarter or year by writing to the Dean of Students (William Tate) or the Dean of the College of Agriculture (Paul W. Chapman). Both of these officials will be glad to answer inquiries at any time.

One or more of the 4-H Cooperative Homes will be open at all times. Room and laundry in one of these homes will be $27.00 per quarter.

For men students there are ample accommodations in the numerous boarding houses near the University. A list of such places may be secured from the office of the Dean of Students. University officials will be glad to assist students with all problems incident to finding a satisfactory place to live and board.

The University Cafeteria (Denmark Hall) is open to both men and women students. Excellent meals are served here. Costs are approximately $25.00 a month.

ITEMIZED COSTS FOR THE YEAR

Many prospective students ask this question: How much will it cost me to attend the University for one year and what are the items that enter into this cost?

It is always difficult to answer this question with positive accuracy; it is more difficult during wartime, due to conditions over which we have no control. The following statement, however, will prove accurate enough for all practical purposes as it applies to FRESHMAN and SOPHOMORE students who hold the scholarship which they may secure through the Dean of the College of Agriculture:

First Quarter (September)	*Minimum Costs*
General Fees	$ 27.50
Military Book Fee	5.00
Military Uniform Deposit	25.00
Laboratory Fee (Chemistry)	2.50
Breakage Deposit (Chemistry)	5.00
Books (Used or second-hand)	10.00
Room and Laundry (4-H Home)	22.00
Meals (Denmark Hall) Approximate	78.00
	$175.00
Second Quarter (January)	
General Fees	$ 27.50
Laboratory Fee and Deposit (Chemistry)	7.50
Books	6.50
Room and Laundry	22.00
Meals—Approximate	78.00
	$141.50
Third Quarter (March)	
General Fees	$ 27.50
Laboratory Fee (Botany)	2.50
Books	7.50
Room and Laundry	22.00
Meals—Approximate	78.00
	$137.50
Total for Year (Three Quarters)	$454.00

NOTE: There will be slight variations from the estimates given in itemized list depending upon the courses for which a student may be registered and the place where he rooms and takes his meals. It will be noted that meals constitute the most costly item in the list. For those interested in holding expenses to the minimum, it is fortunate that boys wishing to work in Navy mess halls may get meals without cost as part compensation. In addition, such part-time workers may be able to make enough money to pay the cost of room and possibly laundry.

AGRICULTURAL CURRICULUM

The curriculum in Agriculture for the Freshman and Sophomore years is definitely outlined. It is required of all students seeking the B.S.A. degree In each of these years 53 quarter hours of credit are required in specific subjects. These courses are listed below.

Specialization begins in the third or Junior year. Before the close of the second year, each student should select the department in which he wishes to major. In some instances, he must also select the special concentration for which he wishes to register.

Students in the College of Agriculture working for the degree of Bachelor of Science in Agriculture may major in the following departments: (1) *Animal Husbandry;* (2) *Agronomy,* including Soils; (3) *Agricultural Economics;* (4) *Horticulture;* (5) *Plant Pathology;* (6) *Poultry;* (7) *Dairy Husbandry;* (8) *Food Processing;* (9) *Chemistry,* with specialization in Agricultural Chemistry (10) *Vocational Education,* which means preparation for the teaching of vocational agriculture in high schools; and (11) *General Agriculture,* which is the the concentration recommended for those students desiring to prepare for county agents and related work with the Agricultural Extension Service. Students may also take their major work in the Department of Agricultural Engineering and become candidates for the degree of Bachelor of Science in Agricultural Engineering.

An outline of the recommendations for specialization in each of these fields is given following the curriculum requirements.

BACHELOR OF SCIENCE IN AGRICULTURE

Freshman	Hours	Sophomore	Hours
Agricultural Economics 3 (Rural Economics)	5	Agricultural Engineering 20-60-70 (Soil and Water Conservation—Farm Power and Machinery—Farm Buildings and Equipment)	9
Animal Husbandry 1 (Livestock Production)	3	Agronomy 1 (Field Crop Production)	5
Botany 21-22 (for Agricultural Students)	10	Agronomy 10 (Principles of Soil Management)	5
Chemistry 21-24 (for Agricultural Students—general inorganic and applied)	10	English 6a-b-c (Business English)	9
Dairy Husbandry (Elements of Dairying)	3	Horticulture 1 (General)	5
English 2a-b-c (Grammar and compositon)	9	Mathematics 4 or 30 (Algebra or Trigonometry)	5
Forestry 2 (Farm Forestry)	3	Physics 20 (Survey)	5
Poultry Husbandry 60 (General Poultry)	5	Political Science 1 (American Government)	5
Military Science 1	5	Military Science 2	5
Total	53	Total	53

JUNIOR AND SENIOR REQUIREMENTS

Major ..... 20 Hours

To be in Animal Husbandry, Agronomy, Agricultural Economics, Dairy Husbandry, Food Processing, Horticulture, Poultry, Plant Pathology, Chemistry, Vocational Education or General Agriculture.

AGRICULTURAL SCIENCE SELECTIONS	20 Hours
From the following: Bacteriology 350, Plant Pathology 353, Animal Husbandry 382, Plant Pathology 358, Horticulture 355, Mathematics 356, Chemistry 346, Geology 350.	
MINOR 1	10 Hours
May be in any one department of the University.	
MINOR 2	10 Hours
Must be in the College of Agriculture.	
SPECIAL REQUIREMENTS—not more than	20 Hours
GENERAL ELECTIVES—not less than	10 Hours
Total	90 Hours
Total first two years	96 Hours*
Total Course	186 Hours*

OPPORTUNITIES FOR SPECIALIZATION

Concentrations Offered by the Departments of the College of Agriculture and Related Departments in Which Agricultural Students May Major, Together with Brief Statements Concerning the Opportunities Available in Each Field of Specialization.

The curriculum, given previously, outlines requirements for graduation and suggests departments in which students may specialize.

During the first two years, or sooner if possible, each student should give careful study and consideration to the field of work for which he wishes to prepare. The final choice will indicate the department in which he will carry his major concentration.

In order to acquaint students with the fields in which one may specialize, the opportunities in each, and the courses recommended by the several departments, the following *concentration programs* have been developed by the departments in which agricultural students may major during Junior and Senior years. These are suggestive and are not definite rquirements. The course for each student is an individual program, arranged in consultation with the members of the Faculty in the department in which the major concentration is taken. In the main, however, the following programs, as presented by the several departments, include the courses which the majority of students will elect with the selection of the field of specialization.

COURSES OF STUDY

Courses numbered from 1 to 199 are designed for Freshman and Sophomore students; those numbered from 200 to 399 are offered primarily for Junior and Senior students; courses numbered 400 to 599 are open to Junior, Senior and graduate students; courses numbered 600 to 899 are offered for graduate students only.

Unless otherwise indicated, all courses are offered in the College of Agriculture buildings on the South Campus of the University.

* Exclusive of the required courses in Military Science 1-2, or Health Education 1-2.

DEPARTMENT OF AGRICULTURAL ECONOMICS

(Conner Hall, South Campus)

NOTE: Due primarily to war conditions some of the courses listed may not be offered as announced. In particular the University reserves the right to withdraw any course for which the registration is not sufficiently large.

The official University schedule for the Fall, Winter and Spring courses will be ready for distribution on September 15th. A copy will be mailed by the Registrar upon request.

The Department of Agricultural Economics offers courses in agricultural economics, cooperation in agriculture, current farm problems, farm credit, farm management, farm prices, land economics, marketing farm products and problems in agricultural marketing.

Only two concentrations are outlined and published herewith. These concentrations are: (1) agricultural economics, and (2) marketing farm products. However, the student may build his major program in such a way as to have a concentration based on any one of the several phases of agricultural economics. These suggested bases are farm management, farm prices, land economics and farm credit. Those interested in arranging their major programs in agricultual economics so as to have any one of these bases given herewith should, during their freshman or sophomore years, consult the staff of this department. In addition to the practicability and possibility of developing concentrations in the manner indicated herewith, broader programs may be had by following rather closely the concentrations published herewith.

Farm management deals with the planning, organization, and operation of individual farms; farm prices, with the assembling, appraising and interpreting of prices of farm products and a study of the principles of price behavior; and land economics, with the economic aspects of land appraisal and use. Marketing farm products and problems in agricultural marketing are courses that introduce the student to the economic activities that take place between the production and the consumption of farm products. Cooperation in agriculture is a course designed to give the student an understanding of the general philosophy of cooperation in rural life and the principles of cooperative marketing.

CONCENTRATION IN AGRICULTURAL ECONOMICS

Junior and Senior Years

Major: Agricultural Economics 301, Agricultural Economics 304, Agricultural Economics 351, Agricultural Economics 458.... 20 Hours

Agricultural Science Selections: Bacteriology 350, Plant Pathology 353, Animal Husbandry 382, Plant Pathology 358, Mathematics 356, Horticulture 355..... 20 Hours

First Minor: Agronomy 320, or Agronomy 356; Agronomy 458, or Agronomy 302..... 10 Hours

Second Minor: Agricultural Engineering 11, or Animal Husbandry 371, or Poultry 361; Agricultural Engineering 3, or Animal Husbandry 372, or Poultry 363..... 10 Hours

General Electives ..... 30 Hours

CONCENTRATION IN MARKETING FARM PRODUCTS

Junior and Senior Years

Major: Agricultural Economics 301, Agricultural Economics 304, Agricultural Economics 363, Agricultural Eoonomics 400.... 20 Hours

Agricultural Science Selections: Bacteriology 350, Plant Pathology 358, Mathematics 356, Horticulture 355..... 20 Hours

First Minor: Agricultural Economics 351 or Agronomy 356 or 300, Agricultural Economics 467 or Agronomy 358 or 302.... 10 Hours

Second Minor: Agronomy 320, or Animal Husbandry 371, or Poultry 361, 363 ..... 10 Hours

General Electives ..... 30 Hours

The objectives of the above suggested programs of concentration in agricultural economics and marketing farm products are:

1. To enable students to prepare themselves for position in the federal and state agricultural services or with private corporations, and in teaching and research work of land-grant colleges and experiment stations; such positions requiring specialized preparation in agricultural economics, agricultural credit, farm prices, land economics, agricultural adjustment, marketing farm products, farm management and cooperation in agriculture.

2. To prepare students for entering business with private corporations in positions that require fundamental training in marketing, land use, farm credit, and other similar services connected with agriculture.

3. To prepare students for graduate work in agricultural economics, and marketing farm products.

AGRICULTURAL ECONOMICS

(All Courses on South Campus.)

3. Rural Economics. 5 hours. Five lectures or recitations per week. Fall, and Spring Quarters. *Mr. Firor* or *Mr. King.*

Orientation course in economics of agriculture. The purposes of this course are to give the student an understanding of the place of economics in agriculture and to develop methods for using economic facts and principles in solving farm problems.

301. Farm Organization and Management. 5 hours. Two lectures and three double laboratory periods per week. Fall and Winter Quarters. Prerequisites: Agricultural Economics 3. *Mr. King.*

A scientific approach to the study of individual farm programs for the purpose of determining methods to be used for increasing farm income.

304. Marketing Farm Products. 5 hours. Five lectures or recitations per week. Fall and Winter Quarters. Prerequisites: Agricultural Economics 3. *Mr. Firor* or *Mr. King.*

This is a course in marketing functions and principles applied to farm products. The purpose of this course is to enable a student to understand the relationship between marketing practices and other agricultural activities.

351. Agricultural Credit. 5 hours. Five lectures or recitations per week. Fall Quarter. Prerequisite: Agricultural Economics 3. *Mr. Firor* or *Mr. King.*

A discussion of the principles of finance in their application to farm credit organizations and practices.

363. Marketing Agencies in Agriculture. 5 hours. Five lectures or recitations per week. Winter Quarter. Prerequisite: Agricultural Economics 3. *Mr. Firor.* (Not offered 1944-45)

Marketing problems, functions of integrated and nonintegrated marketing organizations, and marketing agreements in agriculture.

364. Land Economics. 5 hours. Three lectures and two double laboratory periods per week. Spring Quarter. Prerequisite: Agricultural Economics 3. *Mr. Firor.* (Not offered 1944-45)

An appraisal of the agricultural use of land in the United States with special attention to Georgia and the counties of the students. This course is designed to meet the current need of agricultural workers for training in the application of economics to the use of land by farmers under changing political and social conditions.

400. Cooperation in Agriculture. 5 hours. Five lectures per week. Spring Quarter. Prerequisites: Agricultural Economics 3 and 304. *Mr. Firor.* (Not offered 1944-45)

A study of cooperative marketing associations; their organization and practices. A discussion of philosophy of cooperation in agriculture

402. Advanced Farm Organization and Management. 5 hours. Five double laboratory periods. Spring Quarter. Prerequisite: Agricultural Economics 301. *Mr. King.* (Not offered 1944-45)

Continuation of Agricultural Economics 301 with special exercises in appraising and analyzing economic facts of individual farms and making adjustments in the use of land, labor, and capital with changing farm programs.

458. Advanced Economics of Agriculture. 5 hours. Five lectures or recitations per week. Winter and Spring Quarters. Prerequisite: Agricultural Economics 3. *Mr. Firor* or *Mr. King.*

Causes and effects of market surpluses, private and governmental control of economic theories and principles of agricultural activities.

467. Agricultural Prices. 5 hours. Five lectures or recitations per week. Spring Quarter. Prerequisite: Agricultural Economics 3. *Mr. King.*

469. Farm Finance. 3 hours. Three lectures or recitations per week. Winter Quarter. Prerequisite: Agricultural Economics 3. *Mr. King.* (Not offered 1944-45)

This course has been designed especially for those students other than those majoring in agricultural economics and is similar to Agricultural Economics 467 but less technical. The student will be introduced to and given an understanding of price theories and behavior applied to agriculture.

470. Current Agricultural Problems 3 hours. Three lectures or recitations per week. Winter Quarter. Prerequisite: Agricultural Economics 3. *Mr. Firor.* (Not offered 1944-45)

A study of current agricultural problems, factors creating current agricultural situations, and methods of analyzing current situations and solving current farm problems.

GRADUATE COURSES

808. Advanced Agricultural Economics. 5 hours. Five lectures per week. Time to be arranged. Prerequisite: Agricultural Economics 458. *Mr. Firor.*

This course is designed to give the student an opportunity to review economic theories and agricultural programs for the purpose of analyzing specific problems in agriculture.

815. Advanced Farm Management. 5 hours. Five double laboratory periods per week. Time to be arranged. Prerequisites; Agricultural Economics 402 and 364. *Mr. King.*

Research in farm management. The student will be required to assemble, appraise, analyze, and make deductions from economic data of individual farms.

820. Advanced Farm Records. 5 hours. Five double laboratory periods per week. Time to be arranged. Prerequisite: Agricultural Economics 301. *Mr. King.*

Methods and practices in keeping farm records with a special attention to financial, feed, labor, and production records, and methods of determining livestock and crop production costs.

821. Public Problems of Agriculture. 5 hours. Five double laboratory periods per week. Time to be arranged. Prerequisites: Agricultural Economics 301 and 468. *Mr. Firor.*

A group discussion of agricultural problems that involve governmental activities.

822. Distribution of Farm Production. 5 hours. Five double laboratory periods per week. Time to be arranged. Prerequisites: Agricultural Economics 304, 363, and 458. *Mr. Firor.*

A study of the economics of distribution of farm products from the viewpoint of functional organization and activities.

823. Consumption Economics of Marketing Farm Products. 5 hours. Five lectures per week. Time to be arranged. Prerequisites: Agricultural Economics 304, 363 and 458. *Mr. Firor.*

The marketing of farm products in relation to consumption, prices, purchasing power, and consumers' attitudes.

DEPARTMENT OF AGRONOMY

(Conner Hall, South Campus)

The courses offered in the Agronomy Department are designed for students interested in general farm crop production, soil management practices, the various fields of specialization in agronomic work, and electives for majors in other fields of specialization.

Technical training is offered for those who anticipate work in research, teaching, extension work in crops or soils, seed specialization, cotton specialization, soil conservation, soil survey, or fertilizer industry. Provision is also made for those who plan to further specialize in graduate study.

Six concentrations are offered with electives in related fields.

I. CONCENTRATION IN GENERAL AGRONOMY

This concentration is designed for students who plan to enter the fields of farm management, farm operation, technical planning, or agronomic work in soil-conservation programs.

Major: Agronomy 321, Agronomy 302, Agronomy 355, Agronomy 356 ..... 20 Hours

Science Selections: Bacteriology 350, Plant Pathology 353, Plant Pathology 358, Horticulture 355 ..... 20 Hours

First Minor: Animal Husbandry 373, Agricultural Economics 301 ..... 10 Hours

Second Minor: Agronomy 327 ,Agronomy 328, Agronomy 329.. 9 Hours

Special Requirements: Botany 380, Plant Pathology 401, Agronomy 458 ..... 15 Hours

General Electives ..... 15 Hours

II. CONCENTRATION IN SEED SPECIALIZATION

This concentration is planned for students who wish to specialize in the fields of grain and hay buying and selling, seed-trade work, seed analysis, seed inspection, and to prepare students for graduate work along these lines.

Major Agronomy 300, Agronomy 320, Agronomy 321, Agronomy 328, Agronomy 329 ..... 21 Hours

Science Selections: Bacteriology 350, Plant Pathology 353, Plant Pathology 358, Horticulture 355 ..... 20 Hours

First Minor: Plant Pathology 356, Plant Pathology 401 ..... 10 Hours

Second Minor: Agricultural Economics 304, Agricultural Economics 458 ..... 10 Hours

Special Requirements: Agronomy 356, Horticulture 403, Plant Pathology 357 ..... 15 Hours

General Electives ..... 14 Hours

III. CONCENTRATION IN AGRONOMY AND PLANT SCIENCE

This concentration is offered for those who wish to enter the fields of crop and seed production, agronomic research, teaching, extension work in the field of farm crops, and graduate work.

MAJOR: Agronomy 302, Agronomy 321, Agronomy 327, Agronomy 328 or 329, Agronomy 423 ..... 21 Hours
SCIENCE SELECTIONS: Bacteriology 350, Plant Pathology 353, Plant Pathology 358, Horticulture 355 ..... 20 Hours
FIRST MINOR: Botany 305, Botany 380 ..... 10 Hours
SECOND MINOR: Plant Pathology 356, Plant Pathology 401 ..... 10 Hours
SPECIAL REQUIREMENTS Agronomy 356, Botany 323, Botany 375 15 Hours
ELECTIVES ..... 14 Hours

IV. CONCENTRATION IN COTTON PRODUCTION

This concentration is designed to prepare students for the fields of cotton production, cotton breeding and research, buying and selling, warehousing, cotton grading and stapling, and for graduate work in the field of cotton.

MAJOR: Agronomy 300, Agronomy 302, Agronomy 303, Agronomy 400 ..... 20 Hours
SCIENCE SELECTIONS: Bacteriology 350, Plant Pathology 353, Plant Pathology 358, Horticulture 355 ..... 20 Hours
FIRST MINOR: Agronomy 356, Agronomy 357 ..... 10 Hours
SECOND MINOR: Plant Pathology 356, Plant Pathology 401 ..... 10 Hours
SPECIAL REQUIREMENTS: Agricultural Economics 304, Agricultural Economics 467, Agronomy 423, Botany 380 ..... 20 Hours
GENERAL ELECTIVES ..... 10 Hours

V. CONCENTRATION IN SOIL CHEMISTRY AND PHYSICS

This concentration is designed primarily for students who are planning to be teachers, research workers, soil technicians, or other investigational workers in soil chemistry and physics, as well as for those who expect to do graduate work in these fields.

MAJOR: Agronomy 351, Agronomy 353, Agronomy 356, Agronomy 355 ..... 20 Hours
SCIENCE SELECTIONS: Plant Pathology 353, Bacteriology 350, Chemistry 346, Geology 350 ..... 20 Hours
FIRST MINOR: Chemistry 380, Chemistry 460 ..... 10 Hours
SECOND MINOR: Agronomy 321, Agronomy 459 ..... 10 Hours
SPECIAL REQUIREMENTS: Geology 21, Physics 25, Chemistry 23, Chemistry 390 ..... 20 Hours
ELECTIVES ..... 10 Hours

VI. CONCENTRATION IN SOIL CONSERVATION

This concentration is designed especially for students interested in soil survey, soil conservation, erosion control, soil improvement work and program planning for proper soil utilization.

MAJOR: Agronomy 351, Agronomy 353, Agronomy 356, Agronomy 357 ..... 20 Hours
SCIENCE SELECTIONS: Chemistry 346, Horticulture 355, Bacteriology 350, Plant Pathology 353 ..... 20 Hours
FIRST MINOR: Agronomy 321, Agronomy 327, Agronomy 328 or 329 ..... 11 Hours

SECOND MINOR: Animal Husbandry 373, Agricultural Economics 364 ..... 10 Hours
SPECIAL REQUIREMENTS: Geology 21, Agronomy 458..... 10 Hours
GENERAL ELECTIVES ..... 19 Hours

AGRONOMY

FRESHMAN AND SOPHOMORE

(All Courses on South Campus)

1. FIELD CROP PRODUCTION. 5 hours. Fall, Winter and Spring Quarters. Prerequisites: A general course in Botany. *Mr. James.*

A study of the adaptation, culture, improvement, harvesting, and uses of the more important crops, with special reference to the major crops of Georgia. Laboratory exercises will include seed studies, introduction to commercial grading of grain, hay, cotton, tobacco, and the identification, adaptation, and use of important legumes and grasses.

2. FARM CROPS. 5 hours. Fall Quarter. *Mr. James* or *Mr. Murray.*

A study of the fundamentals of crop production with special emphasis on the relationship between cultural methods and the equipment involved. Laboratory exercises will include the identification of important crop seeds, studies on seed quality and its relation to harvesting and cleaning equipment. Emphasis will also be given to storage requirements in relation to the preservation of grain and hay. For Agricultural Engineering students only.

7. FOREST SOILS. 5 hours. Winter Quarter. Prerequisites: Chemistry 21-24, Geology 21. *Mr. Collins.*

Covers a study of the origin, formation and classification of soils. The effect of climate on the physical and chemical properties of soils under forest growth.

10. PRINCIPLES OF SOIL MANAGEMENT. 5 hours. Fall, Winter and Spring Quarters. Prerequisite: Chemistry 21-24. *Mr. Collins.*

Covers the formation, physical and chemical properties of soils, effects of commercial fertilizer, lime, organic matter, soil management practices, soil fertility maintenance and the use of the soil survey.

JUNIOR AND SENIOR COURSES

300. COTTON CLASSING. 5 hours. Winter Quarter. Prerequisite: Good eyesight and true color perception. *Mr. Murray.*

A study of cotton grades and staples according to Universal Standards for American Standards for American Upland Cotton. Practices will consist of classing and stapling several thousand samples of Georgia cotton, along with other types produced in the United States.

302. COTTON PRODUCTION. 5 hours. Fall Quarter. *Mr. Murray.*

Consists of a study of the history, production, adaptation, breeding, varieties, cultivation, harvesting, grading and marketing of cotton. Field experiments will be given special consideration.

303. COTTON IMPROVEMENT. 5 hours. Fall Quarter. Prerequisites: Agronomy 1, and Genetics. *Mr. Murray.*

The fundamental principles of genetics applied to a study of cotton improvement. Methods of breeding, progeny records and plot technique will be stressed.

320. ADVANCED CROP PRODUCTION. 5 hours. Spring Quarter. Prerequisite: Agronomy 1. *Mr. Murray.*

An advanced study of the common field crops of Georgia. Laboratory exercises will include a study of the identification of the most important legumes, grasses, and weeds of Georgia. Experiments from the Agronomy plots will be considered.

321. FORAGE CROPS. 5 hours. Fall Quarter. Prerequisite: Agronomy 1. *Mr. James.*

Requirements and adaptations of forage crops will be studied. Special attention will be given to combinations that will furnish ample forage for Southern conditions. Laboratory exercises will deal with the botanical and morphological characteristics of the principal forage plants. Results of forage crop investigations of the Southern States will be considered.

327. PASTURES. 3 hours. Spring Quarter. Prerequisites: Agronomy 1 and Agronomy 321. *Mr. James.*

Pastures will be studied in relation to their development and management. The value and adaptation of the various grasses and legumes will be discussed.

328. SEED JUDGING AND IDENTIFICATION. 3 hours. Fall Quarter. Prerequisite: Agronomy 1. *Mr. James.*

A course designed for those majoring in farm crops. The identification and distribution of the important varieties will be studied. Special attention will be given to the judging and showing of seeds, and more important crop varieties and weeds in this area. Three laboratory periods per week.

329. GRAIN AND HAY GRADING. 3 hours. Fall Quarter. Prerequisite: Agronomy 1. *Mr. Murray.*

This course involves the practice of grading grains and hay according to Federal Standards of Agricultural Marketing Service, United States Department of Agriculture.

351. SOIL FORMATION. 5 hours. Winter Quarter. Prerequisite: Agronomy 10. *Mr. Collins.*

Covers rock disintegration, decomposition, and geological agencies as related to the origin and formation of soils.

353. SOIL CLASSIFICATION AND SOIL SURVEY. 5 hours. Spring Quarter. Prerequisites: Agronomy 10 and Agronomy 351, or equivalent. *Mr. Collins.*

Practice in soil classification, survey and preparation of maps and reports. Soil mapping and provinces, series and types.

355. ADVANCED SOIL MANAGEMENT. 5 hours. Winter Quarter. Prerequisite: Agronomy 10. *Mr. Collins.*

Covers the occurrence and properties of predominant soils, practices and management to maintain fertility, prevent erosion, and increase crop production.

365. FERTILIZERS. 5 hours. Fall Quarter. Prerequisite: Agronomy 10. *Mr. Collins.*

Covers source and uses of fertilizer materials, soil conditions affecting use of fertilizers and study of experimental data.

357. FARM MANURES. 5 hours. Spring Quarter. Prerequisite: Agronomy 10. *Mr. Collins.*

Covers studies of the production, composition, care and handling of barnyard manures, with particular emphasis on the use of cover and strip crops used in the erosion control practices as a source of green manures for soil maintenance and improvement.

380. TOBACCO PRODUCTION. 5 hours. Winter Quarter. Prerequisite: Agronomy 1 and Agronomy 10. *Mr. Murray.*

This course will consist of a study of the history, production, culture, classes and types of tobacco produced in the United States, with special reference to flue-cured tobacco. Laboratory exercises will consist of grading and utilization and research findings for the Southern agricultural experiment stations.

SENIOR AND GRADUATE COURSES

400. ADVANCED COTTON PRODUCTION. 5 hours. By arrangement. Prerequisite: Agronomy 302, or equivalent. *Mr. Murray.*

An advanced study of the problems of cotton production in the United States and foreign countries.

423. FIELD PLOT TECHNIQUE. 5 hours. Winter Quarter. Prerequisites: Agronomy 1 and Agronomy 10, or equivalent. *Mr. James.*

A study of the principles and practices in agronomic research with special references to the design and mechanical procedure with experimental plots. The application of statistical methods to laboratory and field results will be emphasized.

424. CROP PRODUCTION PROBLEMS. 5 hours. Winter Quarter. Prerequisites: Agronomy 320 and Agronomy 302 or 321, or equivalent. *Mr. James* or *Mr. Murray.*

A course designed for students who are interested in pursuing a particular phase of crop production.

425. RESEARCH IN AGRONOMY. 5 hours. Any Quarter. *Mr. Collins, Mr. Murray* or *Mr. James.*

A course designed to meet the needs of graduate students wishing to conduct research in agronomic problems. An acceptable thesis will be required to obtain credit for this course.

458. Land Classification, Land Zoning, and Land Use Problems. 5 hours. Fall Quarter. Prerequisite: Agronomy 10, or equivalent. *Mr. Collins.*

This course is designed to train prospective teachers in agriculture, county agents, and foresters in the fundamentals of classifying, zoning, mapping land, working out land use problems on individual farms, communities and counties, and adjusting land use practices.

460. Soil Properties. 5 hours. Fall Quarter. Prerequisites: Agronomy 10 and 356, and Chemistry 380, or equivalent. *Mr. Collins.*

An advanced consideration of the fundamental chemical, physical and mineralogical properties of soils. The laboratory work will consist of base exchange and mechanical analysis studies of important soils of the South, and the systematic examination of other factors closely related with the productivity of these soils.

GRADUATE COURSES

850-851. Fertilizers. 5 hours each. Winter Quarter. Prerequisites: Agronomy 10, 351, and 356, or equivalent. *Mr. Collins.*

This course will consist of the study of the manufacture and use of commercial fertilizers, the principles involved in the application of fertilizers to crops, and the study of experimental methods for determining the effect of fertilizer materials on plant growth.

Specific problems will be studied in the greenhouse and field.

852-853. Soil Fertility. 5 hours each. Fall Quarter. Prerequisites: Agronomy 10, 351, and 356, or equivalent. *Mr. Collins.*

The work of this course will consist of the study of crop requirements, and the investigation of problems definitely related to plant growth. Conferences, parallel readings and laboratory work will be required.

854-855. Soil Types. 5 hours each. Spring Quarter. Prerequisites: Agronomy 10, 351, and 353, or equivalent. *Mr. Collins.*

a. A general study of the origin and formation of the soils of a given area.

b. Examination, investigation, and classification of the soil series and types in the field. This course will consist of conferences, assigned readings, and field work.

DEPARTMENT OF ANIMAL HUSBANDRY

The production of farm animals continues to be of more and more economic importance in Georgia. With the general expansion of the industry, men with training in animal husbandry are in greater demand.

Graduates with a livestock background are being employed as county agents, teachers of vocational agriculture, and in many other Government industries. Packing houses are offering employment in buying, processing, and selling. Animal husbandry students receive fundamental training that will qualify them as managers of meat-curing plants. Feed manufacturers are employing graduates in both the production and selling departments of their business. Manufacturers of equipment used on livestock farms employ many graduates as salesmen.

Large land owners in the State have adequate capital for financing livestock farms. Students majoring in animal husbandry are in a position to act as farm managers of such enterprises. Men with animal husbandry training are qualified to act as commission buyers and managers of livestock auctions.

The most important field of all is for graduates in animal husbandry to become owners of livestock farms. With present land values, graduates with a limited amount of capital are in a position to own and operate livestock farms on a paying basis.

Facilities for teaching animal husbandry have been greatly improved during recent years. In addition to the ordinary classroom and laboratory facilities, the college farm is a laboratory in the broadest sense. On this

is maintained representative herds of dairy and beef cattle, hogs, sheep, horses, mules, and jack stock. Here the students have the opportunity of securing first-hand information and experience in feeding, breeding, and management problems.

The Department of Animal Husbandry recommends the following concentration program for students wishing to major in Animal Husbandry.

CONCENTRATION IN ANIMAL HUSBANDRY

MAJOR: Animal Husbandry 373, Animal Husbandry 371, Animal Husbandry 372, Animal Husbandry 375	20 Hours
SCIENCE SELECTION: Animal Husbandry 382, Bacteriology 350, Plant Pathology 358, Horticulture 355	20 Hours
FIRST MINOR: Agronomy 321, Agronomy 356	10 Hours
SECOND MINOR: Poultry Husbandry 361, Poultry Husbandry 362	10 Hours
GENERAL ELECTIVES	30 Hours

(All Courses on South Campus)

FRESHMAN AND SOPHOMORE COURSES

1. ANIMAL HUSBANDRY. 3 hours. Fall, Winter and Spring Quarters. *Mr. Jarnagin* and *Staff.*

An introductory course in animal husbandry with emphasis given to the importance of the problems pertaining to the production of farm animals in a well balanced agricultural program.

JUNIOR AND SENIOR COURSES

368. SEX HYGIENE AND REPRODUCTION OF CATTLE. 3 hours. Spring Quarter. *Mr. Jones.*

A detailed study of diseases affecting reproduction of cattle.

371. LIVESTOCK PRODUCTION. 5 hours. Spring and Fall Quarters. Prerequisite: Animal Husbandry I. *Mr. Warren.*

A practical study of the fundamental principles involved in the profitable production of various classes of farm animals.

372. ANIMAL BREEDING. 5 hours. Winter Quarter. *Mr. Warren.*

A study of the principles of genetics with special applications to the breeding of farm animals.

373. FEEDS AND FEEDING. 5 hours. Fall, Winter and Spring Quarters. *Mr. Warren.*

A general introductory course in the feeding of all classes of farm animals.

375. LIVESTOCK MARKETING. 5 hours. Winter Quarter. *Mr. Jarnagin.*

A study of the various methods used in selling all classes of farm animals.

376. ADVANCED STOCK JUDGING. 5 hours. Spring Quarter. Prerequisite: Animal Husbandy I. *Staff.*

A course specially designed for students majoring in animal husbandry.

377. FARM MEATS. 5 hours. Winter Quarter. *Mr. Jones* and *Mr. Warren.*

A practical course dealing with slaughtering, processing and curing farm meats.

381. ANIMAL PARASITOLOGY. 5 hours. Winter Quarter. *Mr. Jones.*

A study of fundamental principles involved in the prevention of losses caused by parasites affecting farm animals.

382. COMMON DISEASES OF FARM ANIMALS. 5 hours. Fall, Winter and Spring Quarters. *Mr. Jones.*

A detailed study of the common diseases affecting farm animals.

GRADUATE COURSES

801-802. FEEDING PROBLEMS. 10 hours. Prerequisite: Animal Husbandry I, 373, 374, or equivalents. *Mr. Jarnagin* and *Staff.*

A study of southern feeding stuffs with some problem selected for laboratory work.

803-804. Swine Production. 10 hours. Prerequisite: Animal Husbandry I, 371, 372. *Mr. Jarnagin* and *Staff.*

A study of the late research work in feeding, breeding and management of swine, with a problem to be selected.

811-812-813-814. Animal Production, Breeding and Nutrition. 20 hours. Prerequisite: Animal Husbandry I, 370,371,372. *Mr. Jarnagin* and *Staff.*

Designed for students who have specialized in Animal Husbandry. Problem in animal production, breeding, or nutrition will be selected for study. A creditable thesis on the research problem selected will be required.

DAIRY DEPARTMENT

(Dairy Building, South Campus)

The dairy industry in the State of Georgia has been steadily increasing in importance for a number of years. With this growth there has also been an increase in the demand for trained personnel in the various phases of the dairy industry.

With the rapid increase in the industrial development within the State, commercial dairying has become of much greater importance. This is evidenced by the fact that the volume of milk sold as fluid milk has increased almost 21% since 1930. This has greatly increased the demand for men trained in the operation and management of dairy farms. Graduates with a limited amount of capital who are interested in becoming owners of dairy farms are in a position to become established in commercial dairying on a profitable basis. Creameries, ice cream plants, and milk inspection organizations in all large cities offer employment for students specializing in dairy manufacturing.

The completion of the Dairy Building in 1940 provides the Institution with facilities unsurpassed in the Southeast for teaching all phases of manufacturing, processing, and distribution of dairy products. On the college farm is maintained a herd of purebred dairy cattle for instruction of students in feeding, breeding, and management problems.

Two concentrations are offered students wishing to major in the department. One of these is designed for those interested in dairy production, and the other for those interested in dairy manufacturing.

CONCENTRATION IN DAIRY PRODUCTION

Major: Dairy 390, Dairy 392, Dairy 394, Dairy 391..... 20 Hours

Agricultural Science Selections: Bacteriology 350, Plant Pathology 358, Chemistry 346, Animal Husbandry 382..... 20 Hours

Minor 1: Animal Husbandry 371, and Animal Husbandry 372.... 10 Hours

Minor 2 ..... 10 Hours

To be approved by the Head of the Department.

Special Requirements: Not more than..... 20 Hours

To be approved by the Head of the Department.

General Electives: Not less than..... 10 Hours

To be approved by the Head of the Department.

CONCENTRATION IN DAIRY MANUFACTURING

Major: Dairy 392, Dairy 394, Dairy 397, Dairy 399..... 20 Hours

Agricultural Science Selections: Bacteriology 350, Chemistry 346, Plant Pathology 358, Animal Husbandry 382..... 20 Hours

MINOR 1: Dairy 389, and Dairy 395 ..... 10 Hours
MINOR 2 ..... 10 Hours
To be approved by the Head of the Department.
SPECIAL REQUIREMENTS: Not more than ..... 20 Hours
To be approved by the Head of the Department.
GENERAL ELECTIVE: Not less than ..... 10 Hours
To be approved by the Head of the Department.

FRESHMAN AND SOPHOMORE CLASSES

3. ELEMENTS OF DAIRYING. 3 hours. Fall, Winter and Spring Quarters. *Mr. Henderson* and *Mr. Autrey.*
An elementary course in dairying, dealing with the following general subjects: Relation of dairying to agriculture; application of Babcock test to farm practices; care and handling of milk and cream on the farm; milk secretion composition and food value of milk.

JUNIOR AND SENIOR COURSES

301, 302, 303. DAIRY SEMINAR. 1 hour per quarter. *Mr. Henderson.*
Topical discussion of present problems and scientific work in dairying.

383. HOME PRODUCTION OF DAIRY PRODUCTS. 3 hours. Spring Quarter. *Mr. Henderson.*
A course specially designed for students majoring in Home Economics. Training is given in the care of milk and cream, the manufacture of dairy products on the farm and the importance of dairying as related to nutrition.

384. ADVANCED WORK IN TESTING DAIRY PRODUCTS. 3 hours. Spring Quarter. Prerequisite: Dairy 391. *Mr. Bennett.*
Various tests employed in dairy processing manufacturing plants.

385. DAIRY PRODUCTS, JUDGING AND GRADING. 3 hours. Spring Quarter.
Scoring and grading of milk, butter, cheese, and ice cream.

386. CHEESE MAKING. 3 hours. Winter Quarter. Prerequisite: Dairy 391. *Mr. Bennett.*
Principles of cheeese making, manufacture of cottage cheese, manufacture, curing and storing of cheddar cheese.

387. DAIRY MECHANICS. 3 hours. Winter Quarter. *Mr. Henderson* and *Mr. Driftmier.*
Study of selection, operation, and maintenance of dairy machinery for pasteurization plants and dairy farms.

388. MILK SANITATION. 3 hours. Fall Quarter. *Mr. Henderson.*
A course specially designed for students interested in employment in milk inspection work. Training is given in interpretation of requirements of the U. S. Public Health Service Milk Ordinance Code, inspection of dairy farms and pasteurization plants, bookkeeping in accordance with the ordinance, state dairy laws and methods used in conducting a milk sanitation program.

389. DAIRY BACTERIOLOGY. 5 hours. Fall Quarter. Prerequisite: Barteriology 350. *Mr. Bennett.*
Determination of numbers and types of bacteria in dairy products and their significance; the use of micro-organisms in the manufacture of dairy products.

390. DAIRY CATTLE IMPROVEMENT. 5 hours. Spring Quarter. *Mr. Autrey.*
Various methods of improving dairy cattle, including principles of breeding, breed registry, selecton of the sire, and type classification; also a study of pedigrees, production records, and dairy cattle judging.

391. FARM DAIRYING. 5 hours. Fall Quarter. *Mr. Henderson.*
Composition and properties of milk. The handling of milk and its products on the farm. A brief introduction to dairy manufactures.

392. DAIRY CATTLE FEEDING AND MANAGEMENT. 5 hours. Fall Quarter. *Mr. Autrey.*
A study of the fundamental principles of feeding and managing dairy cattle.

393. ADVANCED DAIRY CATTLE JUDGING. 3 hours. Fall Quarter. *Mr. Autrey.*
A course specially planned to offer advanced instruction in the judging of dairy cattle according to type.

394. MARKET MILK. 5 hours. Spring Quarter. Prerequisite. Dairy Produrts. Dairy Husbandry 391. *Mr. Henderson.*
Sanitary production and processing of milk supply, milk inspection systems and marketing milk.

395. DAIRY PLANT MANAGEMENT. 5 hours. Spring Quarter. Prerequisite: Dairy Husbandry 391. *Mr. Bennett.*
Fundamental principles of the management of creameries and other dairy manufacturing plants.

397. CREAMERY BUTTER MAKING. 5 hours. Winter Quarter. Prerequisite: Dairy 391. *Mr. Bennett.*
Care of milk and cream. Separation of milk, starter, cream ripening, churning, and preparation of butter for market.

399. ICE CREAM MAKING. 5 hours. Winter Quarter. Prerequisite: Dairy 391. *Mr. Bennett.*
Care and preparation of ingredients; manufacture of plain and fancy ice cream and related products.

411, 412, 413. DAIRY RESEARCH. 3 hours per quarter. *Mr. Henderson, Mr. Autrey, Mr. Bennett.*
Individual problems related to dairy production of dairy manufacturing. Typewritten thesis required of all dairy majors. May be elected by other departments for one quarter with no thesis required.

805-806. DAIRY CATTLE FEEDING AND MANAGEMENT. 10 hours. Prerequisite: Animal Husbandry 3, 391, 392. *Mr. Autrey.*
A study of late research work on the subject with problem to be selected.

807-808. BUTTER MAKING. 10 hours. Prerequisite: Animal Husbandry 3, 391, 397. *Mr. Henderson* and *Mr. Bennett.*
Research in the manufacture of creamery butter.

809-810. MARKET MILK. 10 hours. Prerequisite: Animal Husbandry 3, 391, 394. *Mr. Henderson* and *Mr. Bennett.*
Research in the handling and distribution of fluid milk.

DEPARTMENT OF FOOD PROCESSING

(Conner Hall, South Campus)

For more than a decade the College of Agriculture at the University of Georgia has been offering courses in Food Preservation. Previously these courses have been given under the administrative leadership of the Department of Horticulture. Growth of the program, the highly specialized nature of the work, and other considerations led to the creation of a Department of Food Processing during the summer of 1943. The work will be expanded; facilities and equipment will be improved; the number of courses offered will be increased.

Through the Department of Food Processing, three types of activities will be carried on, as follows:

1. Train community food preservation center supervisors and operators—both regular students in the University of Georgia and workers in service in the several agricultural, home economics, and educational agencies.
2. Conduct research in plant operation and food processing that will be useful to the agencies of the state and helpful to persons interested in the preservation of Georgia products.
3. Preserve and process foods for use in the dining halls of the University and other institutions in the University System of Georgia.

Georgia has more than 500 Community Food Preservation Centers in operation. No other state at this time has so large a number. One of the major functions of the Department of Food Processing will be that of

training the "operators and supervisors" of these plants. These persons are, for the most part, teachers of vocational agriculture and home economics. Plants are also operated under the supervision of county and home demonstration agents. For students preparing to enter upon the work of these agencies, courses in food preservation are recommended or required. Refresher courses are given, when requested, for workers in these fields.

A nation-wide program for promoting the development of community food preservation centers has been launched by agencies of the Federal government—the U. S. Department of Agriculture and the U. S. Office of Education. As this program develops there will be a demand for persons with training in "cooperative" food preservation activities. Persons with experience in "plant" operation will be in demand. It will be impossible in the next few years to get enough trained workers to meet the demands. This expansion offers an opportunity for persons interested in this field of work.

Under the program of the Federal government there is a demand for food inspectors—inspectors of canning and food preservation plants. All students in the College of Agriculture with training in our plants have had opportunities to secure such employment.

Commercial food preservation is expanding in the Southeast. Training in the Department of Food Processing will be a valuable aid to anyone interested in this and other aspects of the food industry.

We have adequate training facilities on the campus of the College of Agriculture for offering instruction in food preservation. There is an ideal "Community Type" Food Preservation Center, which serves more than 450 families, and provides equipment for canning, freezing, and dehydrating foods. It is equipped to handle vegetables, fruits, and meats.

In addition, the University has provided a "Commercial Type" Meats Plant, equipped to handle large quantities of beef, pork, and other meats. Students in the Department of Food Processing also have an opportunity to acquaint themselves with the operating of the Dressing Plant operated by the Department of Poultry Husbandry.

Inquiries concerning the work of the Department of Food Processing will be welcomed. Concentrations will be planned to meet the needs of individual students.

The following regular credit courses will be offered in 1944-1945:

363. FOOD PRESERVATION. 5 hours. Fall and Spring Quarters. *Mr. Turner.*

An introduction to the field of food preservation with emphasis on the standard practices of canning, freezing and dehydration. A complete unit for those desiring a general course or for those interested in community food preservation.

409. COMMUNITY AND HOME FOOD PRESERVATION. 5 hours. Fall and Spring Quarters. *Miss White.* Not open to students having credit in 363.

Fundamental principles and practices of canning, freezing, and dehydration. Especially designed for students specializing in Home Economics and Home Demonstration work.

411. FOOD PRODUCTS MANUFACTURE. 5 hours. Fall Quarter. Prerequisite: Food Preservation 363. *Mr. Turner.*

Principles and practices of commercial canning, pickling, and preserving.

412. CANNING OPERATION AND MANAGEMENT. 5 hours. Winter Quarter. Prerequisite: Food Preservation 363. *Mr. Turner.*

A study of the economic phases of the Food Preservation Center, including construction, equipment, management and technical laboratory control.

413. FROZEN AND DEHYDRATED FOODS. 5 hours. Fall and Spring Quarters. Prerequisite: Bacteriology 350. *Mr. Turner.*

Standard practices in preserving food by freezing and dehydration.

DEPARTMENT OF HORTICULTURE

(Conner Hall, South Campus)

The concentrations in horticulture are arranged to prepare students for fruit, vegetable and flower growing. Openings such as orchard, truck farming and greenhouse operators, extension specialists, and positions in fruit and truck inspection or with experiment stations and commercial concerns are available to the graduates.

The department has a greenhouse, gardens, one-hundred-and twenty acre well equipped farm, eighteen acres of which are under irrigation, and on which are found numerous varieties of fruits, vegetables and flowers for use in its instruction.

CONCENTRATION IN POMOLOGY

MAJORS: Horticulture 353, Horticulture 401, Horticulture 402, Horticulture 309 ..... 20 Hours

AGRICULTURAL SCIENCE SELECTIONS: Bacteriology 350, Plant Pathology 353, Plant Pathology 358, Horticulture 355 ..... 20 Hours

FIRST MINOR: To be approved by Head of Department ..... 10 Hours

SECOND MINOR: Agricultural Economics 301, Agricultural Economics 304 ..... 10 Hours

SPECIAL REQUIREMENTS: Chemistry 346, Agronomy 356 ..... 10 Hours

GENERAL ELECTIVES FROM: Animal Husbandry 373, Physiological Botany 380, Food Processing (1 course), Advanced Military Science 350a-b-c and 351a-b-c. Electives may be adapted to fit special cases ..... 20 Hours

CONCENTRATION IN VEGETABLE GARDENING

MAJOR: Horticulture 403, Horticulture 404, Food Processing (1 course) Horticulture 353 ..... 20 Hours

AGRICULTURAL SCIENCE SELECTIONS: Bacteriology 350, Plant Pathology 353, Plant Pathology 358, Horticulture 355 ..... 20 Hours

FIRST MINOR: To be approved by Head of Department ..... 10 Hours

SECOND MINOR: Must be in College of Agriculture and approved by Head of Department ..... 10 Hours

SPECIAL REQUIREMENTS: Chemistry 346, Plant Pathology 357 ..... 10 Hours

GENERAL ELECTIVES FROM: Poultry 362, Poultry 363, Business Administration 6, Advanced Military Science 350a-b-c and 351a-b-c. Electives may be adapted to fit special cases ..... 20 Hours

CONCENTRATION IN FLORICULTURE

MAJOR: Horticulture 405, Horticulture 406, Horticulture 310, Horticulture 311 ..... 20 Hours

AGRICULTURAL SCIENCE SELECTIONS: Bacteriology 350, Horticulture 355, Plant Pathology 353, Plant Pathology 358 ..... 20 Hours

FIRST MINOR: Landscape Architecture 351, Landscape Architecture 313 ..... 10 Hours

SECOND MINOR: Approved by Head of Department ..... 10 Hours

SPECIAL REQUIREMENTS: Plant Pathology 357, Agronomy 356 ..... 10 Hours

GENERAL ELECTIVES FROM: Chemistry 468, Horticulture 362, Advanced Military Science 350a-b-c and 351a-b-c. Electives may be adapted to fit special cases ..... 20 Hours

HORTICULTURE

(All courses on South Campus)

The following courses will be offered during 1944-45)

1. General Horticulture. 5 hours. Fall, Winter and Spring Quarters. *Mr. Keener.*

A survey of the horticultural practices in plant propagation, vegetable gardening and fruit growing particularly adapted to the farm.

309. Systematic Pomology. 5 hours. Fall Quarter, Prerequisite: Horticulture 1. *Mr. McHatton.*

A study of the history, classification and adaptability of fruit varieties.

310. Greenhouse Construction and Management. 5 hours. Winter Quarter. Prerequisite: Horticulture 1. *Mr. Bowden.*

Special emphasis is placed upon the construction and management of greenhouses, attention being given to economical planning and arrangement of such structures.

311. Floral Design. 5 hours. Winter Quarter. Prerequisite: Horticulture 1. *Mr. Bowden.*

The design of bouquets, table decorations, wedding decorations of churches and homes, as well as floral designs for funerals.

353. Sprays and Spraying. 5 hours. Fall and Spring Quarters. Prerequisite: Horticulture 1. *Mr. McHatton.*

A study of the chemistry, preparation and application of sprays to various horticultural crops, special attention being given to the economical practical end of the work.

355. Horticultural and Agricultural Entomology. 5 hours. Fall, Winter and Spring Quarters. *Mr. McHatton* and *Mr. Bowden.*

Emphasis in this course is placed upon the identification, life history and control of economic insects as applied to horticulture and agriculture.

362. Nursery Production and Management. 5 hours. Fall Quarter. Prerequisite: Horticulture 1. *Mr. Keener.*

Economical and practical methods of plant propagation receive attention, as well as culture, protection and management of nursery properties.

365. Amateur Flower Production. 3 hours. Winter and Summer Quarters. *Mr. Bowden.*

A study of the origin, history, cultivation, care and use of flowers and flowering plants. Of special interest to students in home economics, vocational agriculture and county agent work.

366. Home Floral Arrangement. 3 hours. Spring and Summer Quarters. *Mr. Bowden.*

A study of the fundamentals of floral arrangement and the use of the same in the home. Of special interest to students in home economics and elective by other students in the University.

401. The Fundamentals of Fruit Production. 5 hours. Winter Quarter. Prerequisite: Horticulture 1 and 353. When combined with 602, a minor. *Mr. McHatton.*

This course deals with the biological and chemical principles of plant life as directly apllied to the economic production of fruit crops.

402. Pomological Crops. 5 hours. Spring Quarter. Prerequisite: Horticulture 401 or 601. *Mr. McHatton.*

A careful and intensive study is made of the major pomological crops of the South and the nation as a whole. This course is designed to acquaint the student with the present practices followed throughout the country in commercial fruit growing. An undergraduate thesis is required in connection with this course.

403. Vegetable Production. 5 hours. Winter Quarter. Prerequisite: Horticulture 1 and 353. When combined with 604, a minor. *Mr. Keener.*

The basis of this course is a study of the fundamental, biological and scientific principles underlying vegetable production.

404. Advanced Vegetable Crops. 5 hours. Spring Quarter. Prerequisite: Horticulture 403 or 603. *Mr. Keener.*

A continuation of course 403, dealing mainly with the commercial practices at this time being followed in vegetable growing, special emphasis being given to the major vegetable crops.

405. Floricultural Production. 5 hours. Winter Quarter. Prerequisite: Horticulture 1 and 353. When combined with 606, a minor. *Mr. Bowden.*

A study of modern methods in producing flowers out of doors and under glass.

406. Business Management of Greenhouses. 5 hours. Spring Quarter. Prerequisite: Horticulture 405 or 605. *Mr. Bowden.*

A study of the sources of supply for greenhouse and accessories, flowers and ornamental greenhouse plants. The bookkeeping, marketing and general financial and economic management of greenhouses receive special attention.

407-408. Summer Practicum in Horticulture 10 hours. Open to Junior and Senior students or those having equivalent preparation. This course requires the student's full time. Summer Quarter. *Mr. McHatton, Mr. Keener* and *Horticultural Staff.*

A practical course in horticulture, the special interest of the individual student being considered. This course requires continual farm work with horticultural crops.

GRADUATE COURSES

(Note: Prerequisite to all graduate courses are Horticulture 1, 353, and a sequence of two 400 or 600 courses in Horticulture.)

802-803. Advanced Pomology. 5 hours each. *Mr. McHatton.*

This course is based upon an undergraduate degree majoring in Horticulture and deals with the evolution, history and classification of pomological crops.

804-805. Advanced Vegetable Production. 5 hours each. *Mr. Keener.*

This course is based upon an undergraduate degree majoring in Horticulture and deals with the evolution, history and classification of vegetable crops.

806-807. Advanced Floral Production. 5 hours each. *Mr. McHatton* and *Mr. Bowden.*

This course is based upon an undergraduate degree majoring in Horticulture and deals with the evolution, history and classification of floral crops.

808. Horticultural Research. Thesis. 5 hours. *Mr. McHatton, Mr. Keener* and *Mr. Bowden.*

A thesis on some horticultural subject selected with reference to student's interest is required of all post-graduate students majoring in Horticulture.

DEPARTMENT OF PLANT PATHOLOGY AND PLANT BREEDING

(Plant Pathology Building, South Campus)

The specialized courses given in the Department of Plant Pathology and Plant Breeding are designed to give instruction in the agencies causing disease in plants, their effect upon the plant and the plant's growth. They also include the principal methods by which these diseases may be controlled. The student receives training in the principles and methods used in the development of new varieties or strains of cultivated plants better adapted to their environment and resistant to certain diseases.

The outline of study is so arranged that the student may concentrate on the diseases affecting crops that are of most economic importance in his locality. These courses are given in cooperation with other departments in plant science, such as horticulture, agronomy, and biology.

Students who specialize in these courses receive training that will prepare them for work in experiment stations, as state plant inspectors, commercial growers, county agents and teachers in vocational schools or colleges. This is also designed for students who go into specialized types of agriculture, such as the production of certified potatoes and other specialized crops.

Four concentrations available are: (1) field crop diseases; (2) cotton diseases; (3) truck crop diseases; and (4) fruit tree diseases.

CONCENTRATION IN FIELD CROP DISEASES

MAJOR: Plant Pathology 356, Plant Pathology 420, Plant Pathology 421, Plant Genetics 401 ..... 20 Hours

AGRICULTURAL SCIENCE SELECTIONS: Bacteriology 350, Plant Pathology 353, Plant Pathology 358, Horticulture 355 ..... 20 Hours

FIRST MINOR: Agronomy 420, Agronomy 421 ..... 10 Hours

SECOND MINOR: Agronomy 355, Agronomy 356 ..... 10 Hours

GENERAL ELECTIVES FROM: Agronomy 320, Agronomy 321, Horticulture 353, Botany 380, Botany 305, Chemistry 346, Agricultural Economics 364, Botany 481, Advanced Military Science 350a-b-c and 351a-b-c ..... 30 Hours

CONCENTRATION IN COTTON DISEASES

MAJOR: Plant Pathology 356, Plant Pathology 420, Plant Pathology 421, Plant Genetics 401 ..... 20 Hours

AGRICULTURAL SCIENCE SELECTIONS: Bacteriology 350, Plant Pathology 353, Plant Pathology 358, Horticulture 355 ..... 20 Hours

FIRST MINOR: Agronomy 400, Agronomy 401-402 ..... 10 Hours

SECOND MINOR: Agronomy 355, Agronomy 356 ..... 10 Hours

GENERAL ELECTIVES FROM: Horticulture 353, Agronomy 300, Agronomy 302, Botany 380, Chemistry 346, Agricultural Economics 364, Botany 481, Advanced Military Science 350a-b-c and 351a-b-c ..... 30 Hours

CONCENTRATION IN TRUCK CROP DISEASES

MAJORS: Plant Pathology 357, Plant Pathology 420, Plant Pathology 421, Plant Genetics 401 ..... 20 hours

AGRICULTURAL SCIENCE SELECTIONS: Bacteriology 350, Plant Pathology 353, Plant Pathology 358, Horticulture 355 ..... 20 Hours

FIRST MINOR: Horticulture 403, Horticulture 404 ..... 10 Hours

SECOND MINOR: Entomology 373, Entomology 805 ..... 10 Hours

GENERAL ELECTIVES FROM: Horticulture 353, Agronomy 356, Botany 380, Botany 305, Chemistry 346, Agricultural Economics 364, Botany 481, Advanced Military Science 350a-b-c and 351a-b-c ..... 30 Hours

CONCENTRATION IN FRUIT TREE DISEASES

MAJOR: Plant Pathology 357, Plant Pathology 420, Plant Pathology 421, Plant Genetics 401 ..... 20 Hours

AGRICULTURE SCIENCE SELECTIONS: Horticulture 355, Bacteriology 350, Plant Pathology 353, Plant Pathology 358 ..... 20 Hours

FIRST MINOR: Horticulture 401, Horticulture 402 ..... 10 Hours

SECOND MINORS: Entomology 373, Entomology 805 ..... 10 Hours

GENERAL ELECTIVES FROM: Horticulture 353, Agronomy 356, Botany 380, Botany 323, Chemistry 346, Agricultural Economics 364, Botany 481, Advanced Military Science 350a-b-c and 351a-b-c ..... 30 Hours

PLANT PATHOLOGY AND PLANT BREEDING

(All Courses on South Campus)

JUNIOR AND SENIOR COURSES

353. Elementary Plant Pathology. 5 hours. Three lecture and two double laboratory periods. Laboratory fee $2.50. Prerequisite: Botany 1-2. Fall or Spring Quarters. *Mr. Thompson.*

A general introduction to the diseases of plants. Twenty types will be studied in field and laboratory.

354. Forest Pathology. 5 hours. Three lecture and two double laboratory periods. Laboratory fee $2.50. Prerequisite: Botany 1-2. Spring Quarter. *Mr. Thompson.*

This course will be similar to 353, but will differ in the use of types causing death or decay in trees. Methods of control suitable to both forest and city conditions will be studied.

356. Diseases of Field Crops. 5 hours. Three lecture and two double laboratory periods. Laboratory fee $2.50. Prerequisite: Botany 1-2, and Plant Pathology 353. Winter Quarter. *Mr. Miller.* (Given when demand warrants.)

A course designed to meet the needs of students in Plant Pathology and Agronomy.

357. Diseases of Horticultural Crops. 5 hours. Three lecture and two double laboratory periods. Laboratory fee $2.50. Prerequisite: Plant Pathology 353. Fall Quarter. *Mr. Miller.* (Given when demand warrants.)

A study of the more important diseases of fruits, vegetables, and ornamentals.

358. Principles of Breeding. 5 hours. Prerequisite: Botany 1-2, or Zoology 21-22. Fall, or Winter Quarters. *Mr. Murray* or *Mr. Miller.*

An introductory course in agricultural genetics designed to acquaint the student with principles of heredity and variation and their application to breeding.

SENIOR DIVISION OR GRADUATE COURSES

401. Plant Genetics. 5 hours. Three lecture and two double laboratory periods. Prerequisite: Plant Pathology 358. Spring Quarter. *Mr. Murray.*

Advanced studies in inheritance of plants, including the genetics of sterility and disease resistance, and principles of plant improvement.

420-421. Advanced Plant Pathology. 5 hours each. Three lecture and two double laboratory periods. Double course. Laboratory fee $2.50 each quarter. Prerequisite: Plant Pathology 353 and 358. Fall and Winter Quarters. *Mr. Miller* and *Mr. Thompson.*

A study of the fungi that cause plant disease, including isolation, technique of cultural methods and infection. Designed especially for students majoring in Plant Pathology.

GRADUATE COURSES

800-801. Research in Plant Pathology. 5 hours each. Prerequisite: Plant Pathology 353, 420, 421. *Mr. Miller* or *Mr. Thompson.*

This course involves the prosecution of a problem in plant disease with parallel reading and conferences with the instructor.

810-811. Research in Plant Genetics 5 hours each. Prerequisite: Plant Pathology 358, 401. *Mr. Murray.*

This consists of a breeding problem with field studies, appropriate readings and conferences.

DEPARTMENT OF POULTRY HUSBANDRY

(Poultry Building, South Campus)

The courses in the Department of Poultry Husbandry are designed to prepare the student to engage directly in the field of poultry husbandry on a commercial basis. With the poultry industry in the State constantly

growing there is a greater opportunity for men in the production field than ever before.

The minors selected from the various departments of the Agricultural College to go with the concentration courses in poultry are such that when completed, men are equipped to go into the allied industries or pursue their studies in other institutions.

There is a great demand for well-trained men in service and sales work of the commercial organizations. This demand will be greater after the war.

The Department of Poultry Husbandry has a physical plant well equipped for instruction, with housing capacity of 5,000 laying birds and 30,000 baby chicks. Annually the department can give the student the practical as well as scientific aspects of poultry husbandry. In addition 1,500 to 2,000 turkeys are grown out each year. Several breeds of poultry and turkeys and maintained for instruction work.

The department has a disease laboratory for autopsy work. Students get actual practice with their instruction in diagnosing diseases. The department offers this service to the poultrymen of the State. From 100 to 150 cases come to the laboratory each month.

Several types of incubators are used in the hatching of 30,000 chicks each year. All types of brooders are used for brooding the chicks.

Fifteen hundred birds are entered in the Egg Laying Test each year. These birds come from all sections of the United States and are from the outstanding breeders of poultry. With the various breeds and varieties making up the test, all students have an opportunity to study the breeds and varieties.

The department has a 300-acre farm that is used for producing small grains. All young stock and turkeys are grown out on this land. Two 600-bird-capacity commercial-type laying houses are located on this unit.

The concentration courses in Poultry Husbandry with minors selected from the various departments are given below. All general electives will be selected by the student with the approval of the head of the department. The major courses in Poultry Husbandry and the agricultural science selectives are given at the beginning, with the minor in Animal Husbandry. These are not repeated with the other minors, since they would be the same.

CONCENTRATION IN POULTRY HUSBANDRY

MAJOR: Poultry 362, Poultry 363, Poultry 364, Poultry 365, Poultry 366 ..... 21 Hours

AGRICULTURAL SCIENCE SELECTIONS: Bacteriology 350, Animal Husbandry 382, Horticulture 355, Plant Pathology 358, Organic Chemistry 346, Mathematics 356..... 20 Hours

WITH MINOR IN ANIMAL HUSBANDRY

FIRST MINOR: Animal Husbandry 375 and 376..... 10 Hours

SECOND MINOR: Poultry 361, Animal Husbandry 373..... 10 Hours

GENERAL ELECTIVES: To be approved by Head of Department.... 30 Hours

WITH MINOR IN DAIRY HUSBANDRY

FIRST MINOR: Dairy Husbandry 391 and 392..... 10 Hours
SECOND MINOR: Poultry 361, Dairy Husbandry 390..... 10 Hours
GENERAL ELECTIVES: To be approved by Head of Department.... 30 hours

WITH MINOR IN AGRONOMY

FIRST MINOR: Agronomy 321, Agronomy 420..... 10 Hours
SECOND MINOR: Poultry 361, Agronomy 320..... 10 Hours
GENERAL ELECTIVES—To be approved by Head of Department.... 30 Hours

WITH MINOR IN AGRICULTURAL CHEMISTRY

FIRST MINOR: Chemistry 361, Chemistry 362..... 10 Hours
SECOND MINOR: Poultry 361, Horticulture 355..... 10 Hours
GENERAL ELECTIVES—To be approved by Head of Department.... 30 Hours

WITH MINOR IN AGRICULTURAL ECONOMICS

FIRST MINOR: Agricultural Economics 304, Agricultural Economics 364 ..... 10 Hours
SECOND MINOR: Poultry 361, Agricultural Economics 301..... 10 Hours
GENERAL ELECTIVES—To be approved by Head of Department.... 10 Hours

WITH MINOR IN BACTERIOLOGY

FIRST MINOR: Bacteriology 401, Bacteriology 407..... 10 Hours
SECOND MINOR: Poultry 361, Animal Husbandry 371..... 10 Hours
GENERAL ELECTIVES—To be approved by Head of Department.... 30 Hours

WITH MINOR IN HORTICULTURE

FIRST MINOR: Horticulture 401 and 402, or Horticulture 403 and 404 ..... 10 Hours
SECOND MINOR: Poultry 361, Horticulture 353..... 10 Hours
GENERAL ELECTIVES—To be approved by Head of Department.... 30 Hours

POULTRY HUSBANDRY

(All Courses on South Campus)

60. GENERAL POULTRY. 5 hours. Fall and Spring Quarters. *Mr. Bell* and *Mr. Cooper.*

An introductory course to the field of poultry husbandry, designed to acquaint the student with all phases of poultry husbandry.

361. THE SELECTION AND MANAGEMENT OF BABY CHICKS, GROWING STOCK AND LAYERS. 5 hours. Fall Quarter. *Mr. Cooper.*

The study of breed improvement and the problems affecting the efficiency of producing baby chicks, growing stock, and laying birds. Culling, vaccination for fowl pox and respiratory disease, and general management problems will be covered in this course.

362. POULTRY BREEDING, INCUBATION, AND BROODING. 5 hours. Winter Quarter. *Mr. Cooper.*

The principles and practices of breeding, incubation, and brooding.

364. POULTRY DISEASES AND MANAGEMENT. 5 hours. Winter Quarter. Prerequisite: Poultry Husbandry 60, 362. *Mr. Bell* and *Mr. Cooper.*

This course will be offered to students majoring in poultry husbandry. A study of common diseases and parasites of poultry. Analyzing farm management practices, including a study of hatchery management.

366. POULTRY NUTRITION. 3 hours. Spring Quarter. Prerequisite: Poultry Husbandry 60. *Mr. Cooper.*

A study of poultry feedstuffs and development of rations and methods of feeding. Particular emphasis is given to the utilization of home-grown feedstuffs in the poultry ration.

367. MARKETING POULTRY AND POULTRY PRODUCTS. 3 hours. Spring Quarter. *Mr. Bell* and *Mr. Cooper*. Prerequisite: Poultry Husbandry 60.
This course includes the care and handling of products prior to marketing: the processing of poultry and poultry products and the general practices of marketing.

365. SEMINAR AND THESIS. 5 hours. Fall and Winter Quarters. Prerequisite: Poultry Husbandry 60, 362, 363, and 364. *Mr. Bell* and *Mr. Cooper*.
The student is permitted to select a definite field of endeavor and must develop a project which must carry through to completion. A thesis on the project is required.

GRADUATE COURSES

801. ADVANCED INCUBATION. 5 hours. Fall, Winter, and Spring Quarters. Prerequisite: Poultry Husbandry 60 and 362. *Poultry Husbandry Staff.*

802. PROCESSING POULTRY PRODUCTS. 5 hours. Fall, Winter, and Spring Quarters. Prerequisite: Poultry Husbandry 60, 364 and 367. *Poultry Husbandry Staff.*

804. POULTRY PLANT MANAGEMENT. 5 hours. Fall, Winter, and Spring Quarters. Prerequisite: Poultry Husbandry 60, 361, and 364. *Poultry Husbandry Staff.*

805. THESIS. 5 hours. Fall, Winter, and Spring Quarters. Prerequisite: Poultry Husbandry 801, 802, 803, and 804. *Poultry Husbandry Staff.*

DEPARTMENT OF VOCATIONAL EDUCATION

(Peabody Hall, North Campus)

The courses offered in this department prepare men as teachers of vocational education in agriculture. Men majoring in this department have a broad training in agriculture, and, upon the satisfactory completion of the training program outlined, are qualified for certification by the State Department of Education as teachers of agriculture.

During one quarter of the senior year, each man does apprenticeship teaching in a selected rural school. The apprenticeship method of training teachers of agriculture has been used for 12 years. The results have been so noteworthy that many teacher training institutions in other states have adopted this method in whole or in part. This system of training enables the apprentice to solve the many problems of the agricultural teacher in a normal situation under the careful supervision of the regular teacher of agriculture and a member of the staff at the University. Thus the apprentice learns to deal with these problems by actual participation.

CONCENTRATION IN VOCATIONAL TEACHING

MAJOR VOCATIONAL EDUCATION: Education 335 - 1, Education 336 - 1, Education 346 - 1, 347 - 1	20 Hours
AGRICULTURAL SCIENCE SELECTIONS: Plant Pathology 358, Horticulture 355, Plant Pathology 353, Bacteriology 350	20 Hours
FIRST MINOR: Agronomy 458, Agricultural Economics 301	10 Hours
SECOND MINOR: Education 302, Education 304	10 Hours
SPECIAL REQUIREMENTS: Food Processing 363, Agricultural Engineering 3 a, b, and 10 hours in College of Agriculture approved by major professor	20 Hours
GENERAL ELECTIVES:	10 Hours

REQUIRED COURSES IN THE COLLEGE OF EDUCATION FOR TEACHERS OF VOCATIONAL AGRICULTURE

302. The School and Society. 5 hours.
The aim of this course is to give to prospective teachers the ability to develop, in broad outline, appropriate, integrated programs of public education which are designed to meet the needs of children, youth and adults in the communities of Georgia. Each student is required to determine the facts of existing programs of education for the state and for specific communities and to evaluate these programs in terms of the needs of all the children, youth, and adults involved.

304. Psychology of the Learning Processes. 5 hours.
The principal aim of this course is to give the undergraduate, prospective teacher an understanding of how learning processes are the sound basis for "methods" of teaching, "guidance," "directed study," etc.

335 - 1. Curriculum Planning. 5 hours. Prerequisite: Education 304.
Emphasis in this course is placed upon the procedures for locating, organizing and summarizing data concerning social, economic, and personal problems of people living in the farming areas of Georgia to serve as guides in formulating curricular activities with youth and adults. A separate section of this course is set up exclusively for teachers of Vocational Agriculture.

336-1. Teaching Procedure. 5 hours. Prerequisites: Education 304, and 335 - 1.
This course deals with the problems confronting teachers of vocational agriculture in planning specific units for instruction, methods of teaching, project supervision, etc. Observation of vocational teaching will be made in nearby schools.

391. Teaching Agriculture to Adults. 5 hours.
The course deals with procedures and activities in finding, organizing, and summarizing data concerning the problems encountered by farmers. Techniques of organizing adult groups, planning teaching materials, and teaching adult groups will be included. Observations of adult instruction are made in selected schools in the vicinity of the University.

346 - 1, 347 - 1, 348 - 1. Apprentice Teaching. 10 or 15 hours. Prerequisite: Education 304, 335 - 1, 336 - 1.
Prospective teachers of vocational agriculture are placed as apprentices in carefully selected schools of the state for an entire quarter (approximately 12 weeks). During this period they are carefully supervised in dealing with the problems of teaching Vocational Agriculture. During the latter part of the quarter apprentices meet on the University campus in conferences with the faculty for the purpose of pooling, summarizing and evaluating their apprentice experiences and on-campus activities.

GRADUATE COURSES

773. Supervision of Vocational Teaching. 5 hours. Prerequisite: Four courses in Education. Fall Quarter. *Mr. Aderhold.*
The major purpose of this course is to bring together representatives of the five teacher training agencies in Georgia in the field of vocational education and to develop cooperatively a comprehensive program of teacher training. Major emphasis is placed upon the following: (1) developing a point of view of philosophy of teacher education, (2) analyzing the present teacher training program in vocational education in Georgia, to discover problem situations that may be used as a basis for teacher education programs, and (3) determining the relative emphasis for each teacher training agency to place upon the solution of the several problems in the teacher education program.

871. Adult Education. 5 hours. Prerequisites: 3 courses in Education. Winter Quarter. *Mr. Aderhold.*
The primary purposes of this course are: (1) to develop a philosophy of adult education, (2) to develop techniques for discovering adult problems, and (3) to discover and apply appropriate methods of organizing and teaching adult groups. The course is designed to meet the needs of the following: teachers and supervisors of vocational agriculture and home economics, experienced teachers in other fields, rural school supervisors and administrators, agricultural extension workers, and other adult leaders.

872. Vocational Guidance. 5 hours. Prerequisite: Must have consent of instructor. *Mr. Wheeler.*
The purposes of this course are: (1) to study the present problems of vocational guidance and (2) to develop methods for solving these problems. The course aims to give teachers and administrators a working basis for studying vocational and placement problems as a part of an educational program.

772. Evaluation in Vocational Education. 5 hours. Prerequisites: Education 302, 304. *Mr. Wheeler.*

This course has two primary purposes: (1) to guide teachers, supervisors, and administrators to develop the ability to evaluate departments and programs of Vocational Education in schools for communities, and (2) to guide teachers in the development of methods and techniques for evaluating their own instruction. Techniques for studying and evaluating departments are developed and used in evaluating one or more vocational programs in a selected school or schools. Consideration may be given to the organization of teaching programs, planning teaching units, setting up evaluative techniques for measuring pupil development and the application of these techniques to teaching situations.

GENERAL AGRICULTURE

This concentration, known as General Agriculture, is open to any Junior and Senior student in the College of Agriculture. It is a combination of courses selected from all departments in the College. Students wishing to register for this program should report to the Dean of the College.

General Agriculture represents a program approved by the Extension Service for those who wish to prepare for positions as county agents. It is also an excellent all-round program of studies for those who wish to prepare themselves for general farming.

GENERAL CONCENTRATION FOR EXTENSION WORKERS

Majors: Agronomy 320, Agronomy 302, Agronomy 356, Poultry Husbandry 361 or 362 or 363 ..... 20 Quarter Hours

Agricultural Science Selections: Bacteriology 350, Plant Pathology 353, Plant Pathology 358, Horticulture 355 ..... 20 Quarter Hours

First Minor: Agricultural Economics 401, Agricultural Economics 304 ..... 10 Quarter Hours

Second Minor: Animal Husbandry 373, Horticulture 353 10 Quarter Hours

Special Requirements in This Concentration: Animal Husbandry 382, Journalism 368 ..... 10 Quarter Hours

General Electives From: Dairy Husbandry 391, Animal Husbandry 371, Food Processing 363, Agronomy 380, Agronomy 321, Poultry Husbandry 362, Poultry Husbandry 363, Poultry Husbandry 361, Agricultural Economics 301 or 364, Agricultural Economics 467 or 468, Agronomy 357 or 358, Horticulture 403, Advanced Military Science 350a-b-c and 351a-b-c ..... 20 Quarter Hours

CHEMISTRY*

Instruction in this division of the Department of Chemistry is designed primarily to fit the needs of agricultural students. By means of lectures, recitations, and laboratory work, one is taught the fundamental chemical principles underlying and controlling plant and animal life.

The course for majors in Agricultural Chemistry is designed to prepare students for work in agricultural experiment stations, in fertilizer and feed control laboratories and similar positions in allied industries.

21. Inorganic Chemistry. 5 hours. Four lectures or recitations and one laboratory period. Fee $2.50. Breakage deposit $5.00. Fall and Winter Quarters. Conner Hall. *Mr. Coggin,* and *Assistants.*

A general course in the chemistry of the non-metallic elements, including a systematic treatment of chemical principles and their applications.

* Agricultural and Biochemistry courses are a sub-division of the Department of Chemistry of the University of Georgia. For other offerings see the bulletin of the College of Arts and Sciences.

24. INORGANIC CHEMISTRY. 5 hours. Four lectures or recitations and one laboratory period. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 21. Winter and Spring Quarters. Conner Hall. *Mr. Coggin,* and *Assistants.*

A continuation of Chemistry 21, with special emphasis on subject matter related to agriculture.

346. ELEMENTS OF ORGANIC CHEMISTRY. (For Agricultural and Home Economics students.) 5 hours. Four lectures or recitations and one laboratory period. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 22 and 24. Fall and Spring Quarters. Conner Hall. *Mr. Coggin* and *Assistants.*

351. PHYSIOLOGICAL CHEMISTRY. 5 hours. Three lectures or recitations, and two laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 346 or 340a. Fall Quarter. N. Campus. Terrell Hall. *Mr. Coggin.*

Fundamental principles of physiological chemistry in the animal body including the chemistry of foods, digestion, metabolism and excretions.

352. BIOCHEMISTRY. 5 hours. Four lectures or recitations and one laboratory period. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 346 or 340a. (Not offered 1944-45) Conner Hall. *Mr. Coggin.*

The fundamental principles of biochemistry, both plant and animal.

360. AGRICULTURAL ORGANIC CHEMISTRY. 5 hours. Three lectures or recitations and two laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 346. (Not offered 1944-45) Conner Hall.

A continuation of Chemistry 346 dealing principally with aromatic compounds and with organic reactions.

361. AGRICULTURAL CHEMISTRY. 5 hours. No fee. Prerequisite: Chemistry 346. (Not offered 1944-45) Conner Hall.

Chemical aspects of germination, synthesis, catabolism and residues of plants and the chemical compounds of soils, fertilizers, and insecticides.

362. AGRICULTURAL CHEMISTRY. 5 hours. No fee. Prerequisite: Chemistry 346. (Not offered 1944-45) Conner Hall.

The chemistry of feedstuffs and animal metabolism and the chemical compositions of animal products.

368. MICROCHEMICAL ANALYSIS OF SOILS. 5 hours. Five lectures, recitations, or laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisites: Chemistry 346, and Soils 10. (Not offered 1944-45) Conner Hall.

Methods of soil sampling and tests employed for the determination of some water soluble cations and anions most frequently found in soils.

450. BIOCHEMISTRY. 5 hours. Five lectures, recitations, or laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 351 or 352. Conner Hall. (Not offered 1944-45.) *Mr. Coggin.*

Introduction to biochemical research.

460. AGRICULTURAL QUANTITATIVE ANALYSIS. 5 hours. One lecture or recitation, and four laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 380. (Not offered 1944-45) Conner Hall. *Mr. Wilder.*

Analysis of dairy products, feeds and feedstuffs, fertilizers, insecticides and methods of soil and water analysis.

461. ADVANCED AGRICULTURAL QUANTITATIVE ANALYSIS. 5 hours. One lecture or recitation, and four laboratory periods. Fee $2.50. Breakage deposit $5.00. Prerequisite: Chemistry 460. (Not offered 1944-45) Conner Hall. *Mr. Wilder.*

A continuation of Chemistry 460.

BACHELOR OF SCIENCE IN AGRICULTURAL ENGINEERING

DEPARTMENT OF AGRICULTURAL ENGINEERING

(Barrow Hall, South Campus)

The four-year curriculum leading to the degree of Bachelor of Science in Agricultural Engineering has been planned to give its graduates training in the fundamental subjects of science and engineering, with basic training in agriculture, and a specialized study of subjects involving the application of engineering knowledge to agricultural problems. In the senior year the student may choose a field of concentration by the election of one of the options listed.

The department offers major work for the degree of Master of Science in Agricultural Engineering and minor work to students taking major work in other departments. Prerequisite to major graduate work is the completion of a standard curriculum in Agricultural Engineering substantially equivalent to that required of undergraduates at this institution.

Occupations open to graduates are, briefly: teaching, experiment station, and extension work with colleges and federal agencies; engineering work in soil conservation, such as drainage, irrigation, land clearing, and erosion control; advertising, sales, and production work with manufacturers of farm machinery and equipment, and building materials; engineering management and development in rural electrification; editorial work on farm and trade journals; appraisal and consultation; and farming.

Barrow Hall with its offices, classrooms, and well arranged and equipped laboratories provides excellent facilities for undergraduate and graduate instruction and research in Agricultural Engineering.

CURRICULUM IN AGRICULTURAL ENGINEERING

Freshman	Hours
Agricultural Engineering 4, 5 (Engineering Drawing)	6
Agricultural Engineering 8 (Descriptive Geometry)	3
Chemistry 21 and 24 (Inorganic Chemistry)	10
English 2a-b-c (English Composition)	9
Mathematics 30 (Trigonometry)	5
Mathematics 4 (Algebra)	5
Mathematics 2 (Analytical Geometry)	5
Physics 20 (Physics Survey)	5
Military Science 1	5
	53

Sophomore	Hours
Agricultural Engineering 11 (Surveying)	5
Agricultural Engineering 2 (Engineering Shop)	3
Agricultural Engineering 22 (Soil and Water Conservation)	3
Agricultural Engineering 24 (Drainage and Irrigation)	3
English 6a-b-c (Business English)	9
Mathematics 354 (Calculus)	5
Mathematics 355 (Calculus)	5
Physics 27, 28 and 329 (College Physics for Engineers)	15
Military Science 2	5
	53

JUNIOR

	Hours
Agricultural Engineering 250 (Statics)	5
Agricultural Engineering 251 (Dynamics)	5
Agricultural Engineering 253 (Materials of Construction)	5
Agricultural Engineering 255 (Strength of Materials)	5
Agricultural Engineering 256 (Hydraulics)	5
Agricultural Engineering 261 (Farm Machinery)	5
Agricultural Engineering 290 (Engineering Bibliographic Research)	5
Agronomy 2 (Field Crop Production)	5
Agronomy 10 (Principles of Soil Management)	5
Non-technical electives	9
	54

SENIOR

	Hours
Agricultural Engineering 262 (Farm Motors)	5
Agricultural Engineering 270 (Heat Engineering)	5
Agricultural Engineering 271 (Farm Structures)	5
Agricultural Engineering 272 (Sanitation and Water Supply)	3
Agricultural Engineering 284 (D. C. Machinery)	3
Agricultural Engineering 286 (A. C. Machinery)	5
Agricultural Engineering 288 (Rural Electrification)	3
Agricultural Engineering Concentration 329, 369, 379, or 389	3
Animal Husbandry 371 (Livestock Production)	5
Agricultural Economics 458 (Advanced Economics of Agriculture)	5
Electives	3
	45

Total requirements 195 hours exclusive of the required courses: Military Science 1-2, or Health Education 1-2.

CONCENTRATION OPTIONS

DESIGN OF HYDRAULIC STRUCTURES: Agricultural Engineering 329.. 3 Hours
MACHINE DESIGN: Agricultural Engineering 369..... 3 Hours
STRUCTURAL DESIGN: Agricultural Engineering 379..... 3 Hours
ADVANCED RURAL ELECTRIFICATION: Agricultural Engineering 389.. 3 Hours

AGRICULTURAL ENGINEERING

2. ENGINEERING SHOP. 3 hours. One recitation and two 3-hour laboratory periods. Prerequisite: Agricultural Engineering 8. Fall Quarter. *Mr. White.*

Machine tool work, welding and carpentry. For Agricultural Engineering students only.

3. FARM SHOP. 6 hours. Four 3-hour laboratory periods only. Prerequisite: Chemistry 24. Spring and Summer Quarters. *Mr. White.*

Farm construction methods; farm carpentry; concrete; soldering; babbitting; blacksmithing; pipe fitting; and repair of farm machinery.

4. ENGINEERING DRAWING. 3 hours. Three double laboratory periods only. Fall Quarter. *Mr. White.*

Use of drawing instruments. Practice in lettering and detailing. Orthographic and pictorial methods of presentation.

5. ENGINEERING DRAWING. 3 hours. Three double laboratory periods only. Prerequisite: Agricultural Engineering 4. Winter Quarter. *Mr. White.*

A continuation of Agricultural Engineering 4.

6. TOPOGRAPHIC DRAWING. 3 hours. Three double laboratory periods only. Winter and Spring Quarters. *Mr. Danner.*

Free hand lettering and use of instruments. Principles of projection, sketching and preparation of topographic maps.

8. DESCRIPTIVE GEOMETRY. 3 hours. Three double laboratory periods only. Prerequisite: Agricultural Engineering 5. Spring Quarter. *Mr. White.*

Representation of geometrical magnitudes by means of points, lines, planes, and solids and their application in the solution of problems.

11. SURVEYING. 5 hours. Three double laboratory periods: Prerequisite: Trigonometry. Fall and Spring Quarters. *Mr. Danner.*

The use, care and adjustment of surveying instruments and equipment. Field problems in leveling, land measuring and topographic surveying.

20. SOIL AND WATER CONSERVATION. 3 hours. One double laboratory period. Fall, Winter and Spring Quarters. *Mr. Danner.*

Principles and methods of improving productive land by drainage, irrigation, and soil erosion control.

22. SOIL AND WATER CONSERVATION. 3 hours. One double laboratory period. Prerequisite: Surveying. Winter Quarter. *Mr. Danner.*

Principles and methods of soil and water conservation with special emphasis given to terracing and gully control.

24. DRAINAGE AND IRRIGATION. 3 hours. One double laboratory period. Prerequisite: Surveying. Spring Quarter. *Mr. Danner.*

Principles and methods of farm drainage, irrigation and the use of dynamite.

60. FARM POWER AND MACHINERY. 3 hours. One double laboratory period. Fall, Winter and Spring Quarters. *Mr. White.*

A general course in the operation, care and repair of farm implements, tractors, and stationary power units commonly used on farms. General machine shop practices.

70. FARM BUILDINGS AND EQUIPMENT. 3 hours. Fall, Winter and Spring Quarters. *Mr. Driftmier* and *Mr. Danner.*

A study of farm buildings and equipment with special application to Georgia conditions.

250. MECHANICS. 5 hours. Prerequisite: Physics 27. Fall Quarter. *Mr. Davenport.*

The statics of engineering.

251. MECHANICS. 5 hours. Prerequisite: Agricultural Engineering 250. Winter Quarter. *Mr. Davenport.*

The dynamics of engineering.

253. MATERIALS OF CONSTRUCTION. 5 hours. One double laboratory period. Prerequisite: Chemistry 24. Winter Quarter. *Mr. Driftmier.*

Manufacture, properties, uses and applications of materials for engineering construction.

255. STRENGTH OF MATERIALS... 5 hours. Prerequisite: Agricultural Engineering 251. Spring Quarter. *Mr. Davenport.*

Elements of stress analysis, resistance, and design as applied to engineering materials and structures.

256. HYDRAULICS. 5 hours. Prerequisite: Calculus. Spring Quarter. *Mr. Davenport.*

A general course in hydraulics, including fundamental principles of hydrostatics and hydrodynamics applied to the flow of water through orifices, over wires, through pipes and channels.

261. FARM MACHINERY. 5 hours. Two double laboratory periods. Prerequisite: Physics 27. Fall Quarter. *Mr. White.*

Development, designs and utilization of farm machinery for all forms of farm power.

262. FARM MOTORS. 5 hours. Two double laboratory periods. Prerequisite: Agricultural Engineering 270. Winter Quarter. *Mr. White.*

Principles of construction, operation, adjustment and application of tractors, trucks, and gasoline and oil engines for agricultural uses.

270. HEAT ENGINEERING. 5 hours. Prerequisite: Calculus and Physics 28. Fall Quarter. *Mr. Davenport.*

Fundamental principles of engineering thermodynamics, heating, ventilation and refrigeration.

271. FARM STRUCTURES. 5 hours. Three double laboratory periods. Prerequisites: Agricultural Engineering 253 and 255. Fall Quarter. *Mr. Driftmier.*

Design of farm buildings; details of construction; specifications; bills of materials, and cost estimates.

272. FARM SANITATION AND WATER SUPPLY. 3 hours. Prerequisite: Agricultural Engineering 256. Fall Quarter. *Mr. Driftmier.*

The development, storage, distribution and purification of rural water supplies, and the collection and disposal of farm and rural wastes.

284. DIRECT CURRENT MACHINERY. 3 hours. One double laboratory period. Prerequisite: Physics 329. Fall Quarter. *Mr. Davenport.*

A study of the laws and phenomena of electricity and its applications to electric motors, electric generators, transformers, distribution and utilization, with special emphasis to its use in agricultural pursuits.

286. ALTERNATING CURRENT MACHINERY. 5 hours. One double laboratory period. Prerequisite: Agricultural Engineering 284. Winter Quarter. *Mr. Davenport.*

Principles of design, construction and operation of alternating current machines with special emphasis to their use in agricultural pursuits.

288. RURAL ELECTRIFICATION. 3 hours. One double laboratory period. Prerequisite: Agricultural Engineering 286. Winter Quarter. *Mr. Danner.*

A study of the problems involved in the distribution and application of electricity to the farm.

290. ENGINEERING BIBLIOGRAPHIC RESEARCH. 5 hours. Prerequisite: English Composition. Winter Quarter. *Mr. Driftmier.*

The analysis and treatment of technical and scientific papers and reports with particular reference to their application in the engineering profession.

329. DESIGN OF HYDRAULIC STRUCTURES. 3 hours. One double laboratory period. Prerequisite: Agricultural Engineering 22 and 256. Winter Quarter. *Mr. Danner.*

The study and design of erosion control structures.

369. MACHINE DESIGN. 3 hours. One double laboratory period. Prerequisite: Agricultural Engineering 253, 261, and 262. Spring Quarter. *Mr. White.*

An advanced course in the analysis and design of agricultural implements and power units.

379. STRUCTURAL DESIGN. 3 hours. Two double laboratory periods. Prerequisite: Agricultural Engineering 255 and 271. Winter Quarter. *Mr. Driftmier.*

Structural theory and design of wood, masonry, concrete, and steel construction.

389. ADVANCED RURAL ELECTRIFICATION. 3 hours. One double laboratory period. Prerequisite: Agricultural Engineering 288. Spring Quarter. *Mr. Davenport.*

An advanced course in the application of electric power to farm development and to the processing of farm products.

401. AGRICULTURAL ENGINEERING APPLICATIONS. 5 hours. Prerequisite: Agricultural Engineering 3, and Education 336. Two double laboratory periods. Offered when demand warrants. *Mr. White.*

Advanced work in the study of agricultural production methods, farm construction, sanitation and land utilization, and the applicaion of engineering methods.

GRADUATE COURSES

804. SPECIAL ELECTRICAL PROBLEMS. 5 hours. Prerequisite: Agricultural Engineering 288, or equivalent. *Mr. Davenport.*

Formation and solution of theoretical problems connected with electrical circuits, apparatus, machines or systems.

805. FARM STRUCTURES. 5 hours. Prerequisites: Agricultural Engineering 271 and 272, or equivalent. *Mr. Driftmier.*

Problems in farm structures, water supply, sanitation, heating, lighting, ventilation, and home equipment.

806. Farm Power and Machinery. 5 hours. Prerequisites: Agricultural Engineering 261 and 262, or equivalent. *Mr. Driftmier* and *Mr. White.*

Problems in design, testing and determining efficiency of farm implements and machines; power problems in application, efficiency and economy.

807. Soil and Water Conservation. 5 hours. Prerequisites: Agricultural Engineering 22, 24 and 256, or equivalent. *Mr. Danner.*

Studies of water control through drainage; the conservation of soils by the control of soil erosion; land clearing.

808. Agricultural Engineering Research. 20 hours. Agricultural Engineering Staff.

Original investigation of an approved problem in some phase of agricultural engineering; farm power machinery; rural electrification; farm structures, including water supply and sanitation; or soil and water conservation.

812. Thesis. 5 hours. Prerequisite: Agricultural Engineering 808. Agricultural Engineering Staff.

THE GEORGE FOSTER PEABODY SCHOOL OF FORESTRY

THE FACULTY

DONALD J. WEDDELL, B.S.F., M.S., *Dean of School.*

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*GEORGE NORMAN BISHOP, B.S.F., M.S.F., *Associate Professor of Forest Protection, in charge Spring camp.*

BISHOP F. GRANT, B.S.F., M.S.F., *Professor of Forest Utilization* and *Director of Summer Camp.*

ARCHIE E. PATTERSON, B.S., M.S., *Associate Professor of Forest Management.*

*LEROY W. WATSON, JR., A.B., B.S.F., M.S.F., *Assistant Professor of Forest Mensuration.*

DONALD J. WEDDELL, B.S.F., M.S., *Professor of Forestry.*

ASSOCIATE FACULTY

SPENCER W. BROWN, A.B., PH.D., *Assistant Professor of Botany.*

*THOMAS S. BUCHANAN, B.S.F., M.S.F., PH.D., *Research Associate in Forest Pathology* and *U. S. Department of Agriculture Assistant Pathologist.*

W. O. COLLINS, B.S.A., *Professor of Soils and Instructor in Forest Soils.*

*BOWEN S. CRANDALL, B.S., *Research Associate in Forest Pathology* and *U. S. Department of Agriculture Assistant Pathologist.*

*GEOFFREY W. CRICKMAY, A.B., PH.D., *Associate Professor of Geology.*

WALTER N. DANNER, B.S.A.E., M.S.A., *Professor of Agricultural Engineering* and *Instructor in Forest Surveying.*

L. W. R. JACKSON, B.S.F., M.S., PH.D., *Research Associate in Forest Pathology* and *U. S. Department of Agriculture Associate Pathologist.*

*HORACE O. LUND, A.B., PH.D., *Assistant Professor of Zoology* and *Instructor in Forest Entomology.*

GEORGE E. THOMPSON, B.S.A., M.A., PH.D., *Assistant Professor of Forest Pathology.*

HARMON W. CALDWELL, A.B., LL.B., LL.D., *President of the University* and *Ex-officio Member of the Faculty.*

L. L. HENDREN, A.B., M.A., PH.D., *Dean of Faculties* and *Ex-officio Member of the Faculty.*

WILLIAM TATE, A.B., M.A., *Dean of Students.*

T. W. REED, M.A., LL.B., *Registrar*

J. RALPH THAXTON, A.B., M.A., PH.D., *Director of Admissions*

J. D. BOLTON, C.P.A., *Comptroller and Treasurer.*

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* On leave.

GENERAL INFORMATION

HISTORY

The School of Forestry was originally established early in 1906 through the interest and generosity of Mr. George Foster Peabody, who endowed the School for a three-year period. In recognition of this gift, the Board of Trustees named the School in his honor. In 1908 the School became a division of the College of Agriculture. By action of the Board of Regents of the University System in June, 1935, the School was reestablished and again became the George Foster Peabody School of Forestry.

BUILDINGS, EQUIPMENT AND FOREST PROPERTIES

The School is ideally located for its important role as a regional school. It is located close to two very different land areas, different in soil, in tree and other vegetational cover, different in logging methods, and in the marketing of forest products. It is located in an area different than either of the other two areas, but still close enough so that day trips to these areas are feasible and may be made as needed in teaching the students.

The School is housed in its own new, modern building. The three-storied main building contains classrooms, general and research laboratories, a library containing 15,000 volumes and a reading room with the latest forestry periodicals available, a large auditorium, photographic darkroom, and offices. A large wing, attached to the main building, contains a small sawmill, edger, a naval stores gum cleaning plant and pilot still.

A modern nursery, operated by the School, is used for instruction in nursery management and for studying various problems regarding the growing of forest trees.

Ample surveying, mapping, cruising and other forestry equipment is owned by the School. A considerable number of pieces of equipment needed for research work have recently been purchased.

The forest properties owned by the University are managed by the School of Forestry. Two of these are located on land adjacent to the campus. The Oconee Forest, a typical Piedmont forest area of 120 acres, is used for laboratory work in silviculture, mensuration, and utilization. The Denmark Forest of 145 acres, adjoining the Oconee Forest, is used for experimental work in forest plantings. Whitehall Forest, located approximately five miles from the campus comprising some 750 acres, was deeded to the University by the Resettlement Administration. A series of planting demonstrations have been established on this forest, and an arboretum is being developed. The United States Department of Agriculture, Division of Forest Pathology, has established a number of research plantings on this area. The Watson Springs Forest, given to the University by Colonel J. D. Watson, is located in Greene County, about 25 miles from Athens. This Forest contains some 600 acres. The Hardman Memorial Forest of 500 acres is located 12 miles north of Athens in Jackson County and was deeded to the University as a memorial to the late Governor Hardman. Problems in planting and in the study of species not commonly planted are being carried out on this forest.

The Hunt Forest of approximately 5,800 acres, mostly forest covered, is leased and used as a summer camp area. A permanent camp for summer work was recently built on this property and consists of a main bunkhouse

and study hall, a dining hall and kitchen, and several faculty cabins. A lake, adjoining the camp, has been constructed by the Soil Conservation Service.

COOPERATING AGENCIES

A field station of the Division of Forest Pathology of the United States Department of Plant Industry is maintained at the School of Forestry. The staff members of this Division are working on the causes, prevention, and possible cures for various tree diseases, especially those affecting this section of the country.

FORESTRY CAMPS

Field work is a very important phase of a well rounded forestry education. In addition to field laboratories in connection with the various courses taught at the University, a number of field trips to other sections of the State are required. Also as a part of the regular program of work, two camps are held.

The first camp is held following the close of the sophomore year and covers a period of ten weeks. This camp is carried on at the Hunt Forest with field work in surveying, mapping, tree identification, etc., being required. The second camp normally comes during the last quarter the student is in school. This camp is held on the Coastal Flatwoods Land Use Area near Waycross, Georgia. On this tract of 40,000 acres the students actually put into practice their forestry training of the preceding four years. In addition to actual field work, the students study the work of various large private forestry operations nearby as well as the work of the Osceola National Forest, the Olustee Naval Stores Experiment Station, and the Southern Forest Experiment Station. Various forest industrial plants (pulp mills, chemical plants, creosoting plants and large naval stores stills) are included in the course of study.

DEGREES OFFERED BY SCHOOL OF FORESTRY

The School of Forestry offers the degree of Bachelor of Science in Forestry and, through the Graduate School, the degree of Master of Science in Forestry.

ADMISSION REQUIREMENTS

An applicant for admission to the School of Forestry must be 16 years of age and of good moral character. He must present 15 units (to include 3 units of English, 2 in social studies, 2 in mathematics, and 1 in science) from an accredited high school of acceptable grades. Application should be made through the superintendent or principal to the Director of Admissions.

Information regarding entrance examinations, required for graduates from a non-accredited high school, may be secured from the Director of Admissions.

Students transferring from another college or university must present an official transcript showing entrance units, college work completed, and honorable dismissal. This transcript should be sent directly to the Director of Admissions.

Students planning to major in Forestry should enter at the beginning of the Freshman year, or not later than the beginning of the Sophomore year. Because of specialized course, students entering as Juniors have difficulty completing degree requirements in less than three additional years.

REQUIREMENTS FOR GRADUATION

A total of 192 Quarter hours, of satisfactory grade, in addition to the required courses in Military Science and the required Sophomore Camp, is required for graduation. The required curriculum, as outlined, must be followed.

CLASSIFICATION OF STUDENTS

A student who has completed less than 42 hours of work required for graduation with an average grade of "C" will be classified as a Freshman. A student will be classified as a Sophomore when he has completed with an average grade of "C", 42 hours of work required for graduation; as a Junior, when he has completed, with a like average, 84 hours; and as a Senior, when he has completed, as above, 148 hours.

SPECIAL SCHOLARSHIP REQUIREMENTS

In addition to the general University requirements relative to scholarship, the following requirement must be met by all Forestry students:

"Any student, registered in the Junior and Senior Class of the School of Forestry who, at the end of any quarter, does not have a weighted average of 70 or more in all work taken since entering the School of Forestry, will not be entitled to continue in attendance in the School except by special permission of the Forestry faculty. Such permission will be granted only in exceptional cases."

FEES AND EXPENSES

All students in the University, residents of Georgia, pay each quarter in advance a fee of $47.50. Non-resident students pay an additional fee of $44.00 per quarter.

Certain courses require laboratory fees, varying from $1.00 to $7.50, to cover materials, apparatus, breakage, and damage. These fees will vary from $10.00 to $25.00 per year. The amount necessary for books will vary from $15.00 to $30.00 per year.

All fees, deposits, dormitory rent, etc., must be paid in advance at the beginning of each quarter, and a student will not be considered as regularly matriculated until these fees are paid.

A book fee of $5.00 is required for the basic courses in Military Science. Students must make a deposit of $25.00 on a military uniform which will be furnished by the U. S. Government.

For both the Sophomore and Senior camp there is a camp fee of $10.00, and a breakage deposit of $5.00. The board is furnished as cheaply as possible and will average about $5.00 per week. Field trips will form a part of certain courses in the Junior and Senior years, and the expense of these trips must be borne by the student. The expense of these trips should not exceed $20.00 per year.

Adequate rooms for all students are available in Athens, though, due to

a Naval Unit's having been established on the campus, no dormitory rooms for men except at Camp Wilkins are available. Rates for room and board are reasonable. Room and board at Camp Wilkins is $122.00 a year.

A service fee of $2.00 will be collected from all students who, in any quarter for any reason, complete registration after the official registration days.

All rates, including matriculation fees, room, and board, are subject to revision at the beginning of any quarter.

OPPORTUNITIES FOR SELF HELP

The ability to secure employment depends primarily upon the individual's initiative. The student should not expect to earn all of his expenses, for to earn a living and at the same time carry the work of a college course planned to occupy a student's full time is more than most students can accomplish. In a few instances they have succeeded; but as a rule students who attempt more than partial self support should expect to lengthen their term of study.

Few positions are available at the University, and usually such places go to those who are known to be willing, capable, and trustworthy. Information relative to student employment can be secured by writing to Mrs. Dorothy Whitehead, Student Aid Supervisor, Division of Placement and Student Aid.

ORGANIZATIONS

Xi Sigma Pi, the national honorary forestry fraternity, has an active chapter in the School of Forestry. The purpose of this fraternity is to honor those students doing outstanding scholastic work, to promote fraternal relations among earnest workers, and to work for the upbuilding of the profession of forestry.

The Forestry Club, open to all students in the School, sponsors biweekly programs of special interest to the student body. The Club also sponsors the Annual Field Day, the Senior Banquet, and the *Cypress Knee*, the Forestry School's annual publication.

SCHOLARSHIPS AND LOAN FUNDS

The Marjorie Peabody Waite Scholarship, an annual gift of $125.00 by Mrs. Marjorie Peabody Waite, began in 1939. The scholarship will be awarded to a member of the Junior Forestry class based on scholarship, character and need.

The Xi Sigma Pi Forestry Club Award amounting to $10.00 is given to the outstanding Freshman.

The Dupree Barrett Loan Fund given in memory of Dupree Barrett, for many years Extension Forester in Georgia, is open to Junior or Senior students in the School of Forestry.

The general University loan funds are open to students of the School of Forestry and are handled by the University Committee on Student Loans. Information regarding them should be addressed to Mrs. Dorothy S. Whitehead, Student Supervisor, the University of Georgia. Certain funds are also available through the College of Agriculture, and information regarding them should be directed to Professor J. C. Bell.

CORRESPONDENCE COURSES

All correspondence work is handled through the Division of University Extension and information about these courses may be secured from Director of Extension, 223 Walton Street, N. W., Atlanta, Georgia.

Two Forestry courses are offered by correspondence; namely, Forestry 21, the Field of Forestry, and Forestry 308, Forest Protection. Such courses as Economics, English and Mathematics may also be taken by correspondence.

REQUIRED CURRICULUM FOR THE DEGREE OF BACHELOR OF SCIENCE IN FORESTRY

Freshman

	Hours
English 2a-b-c	9
Political Science 1	5
Botany 21-22 (General Botany)	10
Forestry 21a-b-c (Field of Forestry)	3
Ag. Engineering 6 (Topographic Drawing)	3
Math. 4 (Algebra)	5
Math. 30 (Trigonometry)	5
Animal Husbandry 1	3
Physics 20	5
Military Science 1	5
	53

Sophomore

	Hours
Chemistry 21-24 (Inorganic)	10
Agronomy 7 (Forest Soils)	5
Econ. 5 or Ag. Econ. 3	5
Geology 21	5
Journalism 368	5
Ag. Eng. 11 (Surveying)	5
Plant Pathology 354 (Forest Pathology)	5
Forestry 82 (Dendrology)	6
Military Science 2	5
	51

Summer Camp

	Hours
Forestry 25 (Field Dendrology)	3
Forestry 26 (Forest Surveying)	9
Forestry 27 (Mapping and Cruising)	3
Forestry 28 (Forest Improvements)	3
	18

The work given at Summer Camp covers a period of ten weeks and is a prerequisite to graduation.

Junior

	Hours
Forestry 308 (Protection)	5
Forestry 351 (Mensuration)	5
Forestry 356 (Silvics)	3
Forestry 357 (Practice of Silviculture)	5
Forestry 358 (Nursery Practice)	3
Forestry 373 (Wood Anatomy and Identification)	6
Forestry 391 (Forest Economics)	3
Zoology 375 (Forest Entomology)	5
Electives	14
	49

SENIOR

		Hours		
Forestry 352	(Mensuration)	5		
Forestry 359	(Regional Silviculture)	3		
Forestry 376	(Utilization)	6		
Forestry 390	(Forest Finance)	3		
Forestry 401	(Management)	5		
Forestry 402	(Management Field Work)	9		
Forestry 404	(Improvements)	3		
Forestry 405	(Naval Stores)	3		
Forestry 406	(Utilization Field Work)	3		
Forestry 410	(Policy)	3		
	Electives	5	or	6
		48	or	49

COURSES OFFERED IN SCHOOL OF FORESTRY

NOTE: Due primarily to war conditions some of the courses listed may not be offered as announced. In particular the University reserves the right to withdraw any course for which the registration is not sufficiently large.

The official University schedule for the Fall, Winter and Spring courses will be ready for distribution on September 15th. A copy will be mailed by the Registrar upon request.

Courses numbering 1 to 199 are designed primarily for Freshmen and Sophomore students; 200-399 are primarily for Junior and Senior students; 400-599 are open to both undergraduate and graduate students; 600-899 are open only to graduate students.

All classes, except those in Camp, are held in the Forestry Building.

2. FARM FORESTRY. 3 hours. Fall and Winter Quarters. *Mr. Grant.*
A general course for Agricultural students dealing with forestry from the farmer's

21a-b-c. THE FIELD OF FORESTRY. 3 hours. *Mr. Weddell.*
An introductory course designed to acquaint forestry students with the field of forestry. The class will meet one day each week during each quarter.

Two years of college work to include Agricultural Engineering 11, is prerequisite to the Summer Camp work.

25. FIELD DENDROLOGY. 3 hours. Summer Camp. *The Summer Camp Staff.*
Identification of the woody plants of the Southern Appalachian Mountains. One day a week for ten weeks at summer camp.

26. FOREST SURVEYING. 9 hours. Summer Camp. *The Summer Camp Staff.*
The application of plane surveying to forest problems; practice in making boundary and topographic surveys of forest tracts. Three days a week for ten weeks at summer camp.

27. MAPPING AND CRUISING. 3 hours. Summer Camp. *The Summer Camp Staff.*
Field study in the methods of measuring the contents of trees and growth in forest stands; practice in timber estimating, log scaling and in the use of forest instruments; type mapping. One day a week for ten weeks at summer camp.

28. FOREST IMPROVEMENT. 3 hours. Summer Camp. *The Summer Camp Staff.*
Location, design and construction of improvements required for the administration of forest properties, including roads, trails, bridges, lookout towers, telephone lines, buildings, camps, and recreational facilities. One day a week for ten weeks at summer camp.

82. REGIONAL DENDROLOGY. 6 hours. Three lectures and three laboratory periods. Fall and Winter Quarters. Prerequisite: at least one quarter of Botany.
A general consideration of the more important forest trees of the United States, with particular reference to their identification, distribution, and silvical requirements.

308. FOREST FIRE PROTECTION. 5 hours. Fall Quarter.
The control of forest fires.

351. FOREST MENSURATON. 5 hours. Three lectures and two laboratories. Winter and Spring Quarters. Prerequisite: Mathematics 30, Ag. Engineering 11.
The use of various instruments in forest measurements; the principles and practice of determining the volume of products of the forest in the finished form, in the log, in the tree, and in the stand; log rules and scaling; principles of graphical presentation; surveying methods as applied to forestry.

352. FOREST MENSURATION. 5 hours; 3 lectures, 2 laboratories. Fall Quarter. Prerequisite: Forestry 351.
The theory of sampling; elementary statistical methods as applied to forestry; the construction and application of volume tables and yield tables; area determinations and growth predictions for trees and stands; the report.

356. SILVICS. 3 hours. Fall Quarter. Prerequisite: Botany 21-22, Forestry 82.
Fundamental principles of forest physiology and ecology; the effects of various factors of site upon the characteristics, growth and development of trees and stands; forest classification.

357. PRACTICE OF SILVICULTURE. 5 hours. Winter Quarter. 3 lectures, 2 laboratories. Prerequisite: Forestry 356.
Cultural treatment of the forest including intermediate cuttings, methods of securing natural reproduction, and planting.

358. NURSERY PRACTICE. 3 hours. Spring Quarter. 2 lectures, 1 laboratory.
Nursery management; collection, extraction, testing and storage of seed.

359. REGIONAL SILVICULTURE. 3 hours. Fall Quarter. Prerequisite: Forestry 356, 357.
The application of silvicultural methods in the various forest regions of the United States.

364. FOREST RECREATIONAL IMPROVEMENTS. 3 hours. Winter Quarter.
The formation of forest recreational plans; the construction of roads, trails, camps and other essential recreational improvements. Open to any student in the University.

373. WOOD ANATOMY AND TIMBER PRODUCTS. 6 hours; 3 lectures and 3 laboratories. Fall and Spring Quarters. Prerequisite: Forestry 82. *Mr. Grant.*
Macroscopic and microscopic identification of the more important woods of the United States; the preparation, manufacture, and the use of tree products other than lumber.

375. CHEMICAL WOOD UTILIZATION. 5 hours; 3 lectures, 2 laboratories. Winter Quarter. Prerequisite: Forestry 373. *Mr. Grant.*
The utilization of wood in the manufacture of pulp, paper, rayon and other cellulose products.

376. UTILIZATION. 6 hours; 4 lectures, 2 laboratories. Fall Quarter. Prerequisite: Forestry 373. *Mr. Grant.*
Methods of logging, transporting logs and manufacturing lumber.

381. GENERAL FORESTRY. 5 hours. Spring Quarter. *Mr. Grant.*
A general course, open to any student in the University, designed to acquaint them with the field of forestry and the native and naturalized trees of Georgia, and their identification in the field.

385. GAME MANAGEMENT. 3 hours. Winter Quarter.
A general course dealing with game management and game management policy and administration; the relation of game management to forestry and forest management. Open to any student in the University.

390. FOREST FINANCE. 3 hours. Fall Quarter. Prerequisites: Economics 5 or Ag. Economics 3; Mathematics 4.
The financial aspects of forestry as a business enterprise; method of determining the value of forest property; the rate earned by forest properties; the appraisal of stumpage values; the appraisal of damage.

391. FOREST ECONOMICS. 3 hours. Fall Quarter. Prerequisite: Economics 5 or Ag. Economics 3.
The forest as a natural resource, its extent and use; consumption trends in forest products in time of peace and in times of war; the marketing of forest products; the taxation of forest lands; land use planning as applied to forest lands; the economic importance of forestry in the South.

401. Forest Management. 5 hours. Winter Quarter. Prerequisite: Forestry 352, 357.

The organization of forests for management; their regulation for sustained yield; the development of forest working plans.

402. Forest Management Field Work. 9 hours. Spring Camp. Prerequisite: Forestry 401.

The preparation of a working plan for a forest property.

403. Dry Kilning and Wood Preservation. 3 hours. Winter Quarter. Prerequisite: Forestry 373. *Mr. Grant.*

The air drying, kiln drying, and preservative treatment of timber.

404. Forest Improvements and Administration. 3 hours. Spring Camp. Prerequisite: Forestry 410.

The construction of forest improvements on a forest property and the administration of forest properties.

405. Naval Stores Practice. 3 hours. Winter Quarter. Prerequisite: Forestry 357, 373.

Factors affecting the production of naval stores; the management of forests for naval stores production; the manufacturing and marketing of naval stores products.

406. Utilization Field Work. 3 hours. Spring Camp. Prerequisite: Forestry 376.

A course designed to give the student personal observations of the various phases of the production, manufacture and use of forest products.

410. Forest Policy. 3 hours. Winter Quarter. *Mr. Weddell.*

The development of forest policies and activities of the federal and state governments. Open only to Forestry students.

420. Forestry Problems. 5 hours. *Mr. Weddell.*

Class or individual instruction and guidance. Assigned or selected problems in field of forestry. A complete report of work required.

801-802. Advanced Silviculture. 10 hours. Fall and Winter Quarters. Prerequisite: Forestry 82, 356. *Mr. Weddell.*

An advanced course dealing with the various phases of silvics and silvicultural management. A specialized problem must be worked out during the year and a written report submitted upon completion of the work.

803-804. Advanced Silviculture. 10 hours. Spring Quarter. Prerequisite: Forestry 802. *Mr. Weddell.*

A continuation of Forestry 801-802, embodying comprehensive research in the field of silviculture. The courses 801-802-803-804 form a sequence, and a thesis must be submitted upon completion of the work.

821-822. Advanced Utilization. 10 hours. Fall and Winter Quarters. Prerequisite: Forestry 373, 376, and 405, or equivalent. *Mr. Weddell, Mr. Grant.*

An advanced course dealing with the various phases of the production, manufacture and use of forest products including naval stores.

823-824. Advanced Utilization. 10 hours. Spring Quarter. Prerequisite: Forestry 822. *Mr. Weddell, Mr. Grant.*

A continuation of Forestry 821-822 embodying extensive research work. The courses Forestry 821-822-823-824 form a sequence and a thesis must be submitted upon completion of the work.

THE COLLEGE OF EDUCATION
THE FACULTY

EDWIN D. PUSEY, A.B., A.M., LL.D., *Acting Dean of the College.*

OLIVER CLYDE ADERHOLD, B.S.A., M.S.A., PH.D., *Professor of Rural and Vocational Education.*

LOUISE BAILEY, B.S.H.E., *Instructor in Education and Critic in Science in the Demonstration School.*

ALICE BEALL, B.S.H.E., M.S.H.E., *Associate Professor of Teacher Education in Home Economics.*

*J. KNAPP BODDIFORD, B.S.ED., M.A., *Instructor in Education and Critic in Industrial Arts in the Demonstration School.*

RUTH L. BONNER, A.B., M.A., *Instructor in Education and Critic in Social Sciences in the Demonstration School.*

KATHLEEN D. BROADHURST, A.B., M.A., *Instructor in Education and Librarian in the Demonstration School.*

*HAL WILLIAMSON CLEMENTS, B.S.ED., M.S. ED., *Instructor in Education and Critic in Social Sciences in the Demonstration School.*

A. O. DUNCAN, B.S.A., *Associate Professor of Rural and Agricultural Education.*

DAVID LOUIS EARNEST, A.B., M.A., *Associate Professor Emeritus of Education.*

MAMIE MCREE ELLIOTT, A.B.ED., M.A., *Instructor in Education and Critic in the Elementary Section of the Demonstration School.*

RUTH ALLRED FARMER, B.S., *Instructor in Health and Physical Education.*

MILDRED WEST FOSTER, A.B., *Instructor in Health and Physical Education.*

JANE FRANSETH, A.B., M.A., *Associate Professor of Education.*

*ESTHA FREEMAN, A.B., M.A., *Instructor in Education and Critic in English in the Demonstration School.*

JAMES EDWARD GREENE, A.B., M.A., PH.D., *Professor of Education.*

DOROTHY F. HARPER, A.B., M.A., *Instructor in Education and Critic in the Elementary Section of the Demonstration School.*

OVAL S. HARRISON, B.S., M.A., D.ED., *Associate Professor of Industrial Arts Education.*

*MARY HAYGOOD, A.B., M.S.ED., *Instructor in Education and Critic in the Elementary Section of the Demonstration School.*

ELIZABETH JENNINGS, B.S., M.A., *Instructor in Health and Physical Education.*

EMILY JONES, A.B., M.A., *Instructor in Education and Critic in the Elementary Section of the Demonstration School.*

*FLOYD JORDAN, A.B., M.A., PH.D., *Professor of Education.*

†PHOEBE MILLER KANDEL, R.N., B.S., M.A., *Professor of Nursing Education.*

EFFIE LOU KEASTER, A.B., M.ED., *Instructor in Health and Physical Education.*

MARY DOUGLAS MCGARITY, B.F.A., *Instructor in Education and Critic in the Elementary Section of the Demonstration School.*

LAURA P. MARBUT, A.B., M.A., *Instructor in Education and Critic in English in the Demonstration School.*

CAPITOLA B. MATTINGLY, A.B., M.A., M.N., *Assistant Professor of Nursing Education.*

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* On leave.
† On leave from University of Utah.

MARY RUTH MAYNARD, B.S.ED., M.S.ED., *Instructor in Education and Critic in Homemaking in the Demonstration School.*

*KATHLEEN EDITH MIDDLEWEST, B.S., M.S., *Assistant Professor of Health and Physical Education.*

PAUL REED MORROW, A.B., M.A., PH.D., *Professor of Education.*

*GEORGE LIGON O'KELLY, B.S.ED., M.S.ED., *Instructor in Education and Critic in Vocational Education in the Demonstration School.*

*R. TRAVIS OSBORNE, A.B., M.S., M.ED., *Instructor in Education and Critic in Science in the Demonstration School.*

EDWIN DAVIS PUSEY, A.B., M.A., LL.D., *Professor of Education*

HORACE BONAR RITCHIE, A.B., M.A., *Professor of Education.*

JOHN D. SALTER, A.B., M.S.ED., *Principal of the Demonstration School.*

LILLIAN SCHMIDT, A.B., B.S., M.S. *Associate Professor of Teacher Education in Home Economics.*

FLORENCE ALICE SIMPSON, A.B.ED., M.A., *Instructor in Education and Critic in Mathematics in the Demonstration School.*

HAZEL DEAL SIMPSON, B.S.ED., M.S.ED., *Instructor in Education and Critic in the Elementary Section of the Demonstration School.*

JENNIE BELL SMITH, B.M., *Supervisor of Music in the Demonstration School.*

MARY ELLA LUNDAY SOULE, A.B., M.A., *Professor of Health and Physical Education and Head of the Department of Health and Physical Education for Women.*

CORINNE STEPHENS, A.B., M.A., *Instructor in Education and Critic in the Elementary Section of the Demonstration School.*

LURA BELLE STRONG, A.B., *Instructor Emeritus in Health Education.*

RACHEL SIBLEY SUTTON, A.B., M.A., PH.D., *Associate Professor of Education.*

*EMELIZA SWAIN, A.B., M.S.ED., *Instructor in Education and Critic in the Elementary Section of the Demonstration School.*

MARY JANE TINGLE, A.B., M.A., *Instructor in Education and Critic in English in the Demonstration School.*

A. ELIZABETH TODD, PH.B., M.A., *Professor of Teacher Education in Home Economics.*

RALPH H. TOLBERT, A.B., B.S.A., *Associate Professor of Vocational Education.*

JOHN T. WHEELER, B.S.A., M.S., PH.D., *Professor of Rural and Agricultural Education and Head of the Department of Vocational Education.*

* On leave.

PEABODY COLLEGE OF EDUCATION

HISTORICAL DEVELOPMENT

The George Peabody College of Education began as a department in 1903. Chancellor Walter B. Hill organized at the University in 1903 a new department which was styled Philosophy and Education. Dr. Thomas Jackson Woofter was made head of the new department. In 1911 the Peabody Board submitted the following contract which was approved by the Governor and the General Assembly:

"In consideration of a grant of $40,000 *by the Trustees of the Peabody Education Fund for the erection and equipment of a building for the Peabody School of Education in The University of Georgia, The University of Georgia hereby agrees to maintain sufficiently and to set apart annually not less than* $10,000 *for the maintenance of this School of Education, this sum to be a perpetual annuity."*

Thus the Department of Philosophy and Education became the Peabody School of Education. Dr. T. J. Woofter, head of the department, was appointed as the first Dean of the new school and served in this capacity for twenty years. In 1931 the George Peabody School of Education was combined with the Department of Education of the State College of Agriculture, and the Georgia State Teachers' College, and became the George Peabody College of Education.

GENERAL INFORMATION

The Peabody College of Education represents the integration of the Peabody School of Education of the University, the Georgia State Teachers' College, the Department of Rural and Vocational Education of the College of Agriculture, and the Departments of Physical Education for Men and Women. The Peabody College of Education is an integral part of the University of Georgia for the professional training of teachers. By action of the Board of Regents, the Peabody College of Education will hereafter provide and administer all professional courses designed for the preparation of teachers and all other educational workers. Its purpose is to assist the student in the acquirement of the knowledge of the subjects which he wishes to teach, to develop a professional attitude toward education, and to develop skill in the use of special methods in teaching and supervision.

The effort of the College is to bring into proper adjustment within the limits of the four-year courses the academic training, the theoretical professional training, and the practical professional training necessary for effective teaching.

The school is a professional school and ranks as such with the other professional schools of the University.

The organization of the Peabody College of Education comprises the following divisions: Undergraduate, Graduate, Research, Service, and the Demonstration School.

ADMISSION REQUIREMENTS

The same admission requirements are required for entrance to the College of Education as to other colleges and schools of the University and are described on preceding pages of the General Catalog.

MINIMUM REQUIREMENT

The minimum residence requirement for a baccalaureate degree is three quarters, during which time a candidate must earn credits in courses numbered 200 or above at least 45 hours with an average grade of C or better. It is required that at least two-thirds of the last three quarters' work before graduation be taken in residence and be in courses numbered 200 or above. At least 20 hours in Education must be completed in junior-senior courses in residence.

EXTENSION OR CORRESPONDENCE CREDITS

Credits may be allowed for work done through correspondence or extension, provided such work is done through institutions whose correspondence or extension work is properly accredited. No more than 45 quarter hours' credit of this kind can be accredited towards a degree.

ADMISSION WITH ADVANCED STANDING

Admission with advanced standing to the College of Education is governed by the general regulations as described elsewhere in the General Catalog.

HONOR SOCIETIES

Students registered in the College of Education with a major in Language and Literature are eligible to election to Phi Beta Kappa. Students pursuing a program leading to the degree of Bachelor of Science in Education are eligible for election to Phi Kappa Phi.

Kappa Delta Pi. A chapter of this organization was established at the University in 1929. Membership in this National Society is based upon high scholastic attainments and promise of future usefulness in the field of educational leadership.

FEES AND EXPENSES

Fees and expenses in the College of Education are the same as for most of the other schools and colleges in the University. Detailed description of these fees and expenses are set forth in the preliminary section of the General Catalog. Matriculation fees per quarter are $47.50. Out of State undergraduate students are required to pay $132.00 per year in addition to the regular fees. For students living in Georgia, it is estimated that the total cost per year ranges from $396.00 to $685.00, depending upon the financial ability and desire of the student.

SELF-HELP, SCHOLARSHIPS AND LOAN FUNDS

The University has loans and also some part-time employment for a very limited number of students in the libraries and in certain offices. For further information write Mrs. Dorothy Whitehead, Supervisor of Student Aid.

DEPARTMENTS OF INSTRUCTION

The Peabody College of Education consists of the following departments: Administration and Supervision, Curriculum, Educational Psychology, Elementary Education, History and Philosophy of Education, Rural

and Vocational Education, Secondary Education, Health and Physical Education, Industrial Arts Education, and Library Science.

DEGREES

The Peabody College of Education offers the following degrees: (a) Undergraduate degrees; Bachelor of Science in Education; and Bachelor of Science in Education with a major in Health and Physical Education. (b) Graduate degrees: Master of Science in Education, Master of Education, Doctor of Education, and Doctor of Philosophy.

CURRICULA

In providing facilities for the preparation of teachers and other educational workers the needs of the following types of workers are recognized and provided for. Each curriculum is sufficiently flexible to meet the special needs of individual students.

UNDERGRADUATE DIVISION

The undergraduate division provides for the following types of teachers: (1) Agriculture, (2) Public School Art, (3) Elementary School, (4) Junior High School, (5) High School, (6) Home Economics, (7) Public School Music, (8) Health and Physical Education, (9) Industrial Arts, and (10) Teacher-librarians.

GRADUATE DIVISION

The Graduate Division provides for the following: (1) Deans of Students and Counselors, (2) Elementary School Principals, (3) Supervisors, (4) Secondary School Principals, (5) Secondary School Teachers, (6) School Psychologists, (7) School Superintendents, (8) Teachers in general and special fields.

Graduate work in Education is distinctly professional in character. Graduate work in Education is under the administration and supervision of the University. In addition to this general supervision special direction in the graduate field of Education is rendered by the College of Education. A wide range of graduate courses especially designed for those specializing in the higher levels of Education is offered. One or more faculty members will be appointed from the staff of the College of Education to act as advisers in arranging and directing the student's program.

The student in cooperation with his advisers will set up his graduate program. The satisfactory completion of four courses in Education is a prerequisite to taking any course in Education for graduate credit.

Graduate students in Education may qualify for the degree of Master of Science in Education, Master of Education, Doctor of Education or Doctor of Philosophy.

MASTER OF SCIENCE IN EDUCATION

The minimum requirement for the degree of Master of Science in Education is a major of four courses and two minors of two courses each. A thesis which requires the gathering and treatment of data by approved research methods is required of all graduate students in candidacy for advanced degrees with a major in Education. While residence for a speci-

fied time is in no case regarded as sufficient ground for conferring an advanced degree, the degree of Master of Science in Education contemplates a residence of at least one academic year.

The degree of Master of Science in Education is set up at The University of Georgia for all graduate students with a major in any phase of education. There is no foreign language requirement for this degree.

MASTER OF EDUCATION

The minimum requirement for the degree of Master of Education is a major of eight courses and two minors of four courses each. The degree contemplates a minimum residence of two academic years. A thesis revealing ability to carry on research projects in the interest of greater school efficiency is required of students in candidacy for this degree. If a candidate has written an acceptable thesis for his degree of Master of Arts or Master of Science in Education, he may be excused from writing a thesis for the degree of Master of Education.

THE DOCTOR OF EDUCATION

PURPOSE: Graduate work in the College of Education takes its ultimate purpose from the continuous need for leadership in the administration and supervision of educational institutions; and also from the continuing need for teachers who have broad scholarship, intimate knowledge of learning processes, and a definite understanding and appreciation of the needs of our social-economic-political life which may be supplied in part at least by the school. The degree of Doctor of Education is intended to provide school administrators and teachers a training of broader education and better balance than hitherto available at The University of Georgia. The primary aim is to train "master administrators" and "master teachers."

REQUIREMENTS: In general, the requirements for the Doctor of Education degree are the same as for the degree of Doctor of Philosophy. In exceptional cases, however, the Graduate Council may permit a candidate to satisfy the modern language requirements by presenting evidence of knowledge and skill in research techniques applicable to education. The Graduate Council may also modify the residence requirement in individual cases so that only two consecutive quarters in residence will be required, provided that approved field work for the third quarter be accepted in lieu of a regular quarter in residence.

Each candidate for the degree of Doctor of Education is required to prepare a dissertation. The dissertation has its major emphasis upon the intelligent application of research techniques in the solution of a problem connected with educational practice and is the most important single requirement for the degree of Doctor of Education. It is intended to prove the candidate's ability to conduct an independent investigation from the sources in which he makes a contribution to knowledge in his special field, or in which he handles effectively the knowledge already available and produces a conclusive result of importance and value. The subject chosen must be definite and of limited range, the method of investigation must be exactly formulated, the value of the sources employed must be determined, and the conclusions must be supported.

Candidates for the degree must have the personal quality necessary for success in their progression, must have a broad background of training,

and must have had at least two years of successful experience in the profession. A candidate who is securing training for administration should include a Social Science minor, while one who is training for teaching should have a minor in the major field of teaching for which he is preparing.

In its program for the Doctor of Education, the College seeks to accomplish results of lasting value. It will admit to candidacy for this degree only students who give promise of the power to do original and creative work on educational problems of more than minor or temporary significance. The College does not encourage all students to seek the Doctor's degree. To students who have given evidence of doctorate ability, the College offers much freedom and many special facilities for investigation.

THE DOCTOR OF PHILOSOPHY DEGREE WITH A MAJOR IN EDUCATION

The Board of Regents of the University System in 1937 authorized the granting of the Doctor of Philosophy degree with a major in Education beginning September, 1938.

SATURDAY CLASSES

During the past year the College of Education has held a Saturday Workshop for superintendents, principals, and teachers living within commuting distance of Athens. The Workshop was planned to make such offerings as would meet the expressed needs of those attending; the offerings were on both graduate and undergraduate levels, and were not limited to work in education. It is planned to offer a similar workshop during the academic year 1944-45.

STATE CERTIFICATION FOR TEACHERS

The College of Education meets all requirements for Certification of Teachers in Georgia. For details see Bulletin of the State Department of Education, entitled "Certification of Teachers."

EDUCATIONAL RESEARCH AND FIELD SERVICE

This function of the College of Education has two essential purposes: (1) To encourage and promote scientific research on various educational problems, particularly as they relate to conditions in Georgia. The results of such studies by students and Faculty of the College of Education and by other competent persons will be published from time to time. (2) To provide the public schools of Georgia with various specialized, professional services such as consultation and advice on educational tests and measurements, educational and vocational guidance, school surveys, school buildings and equipment, administrative problems, etc. In addition to the research studies which it sponsors, the College of Education will publish "service" bulletins on various problems of general interest to the public schools.

Correspondence regarding these services should be addressed to the Dean of the College of Education.

THE DEMONSTRATION SCHOOL

Supervised observation and practice teaching are required of candidates for a degree in the Peabody College of Education. Students preparing to

teach in high school do their practice teaching in one or both teaching fields (major or minor); students preparing to teach in the elementary schools have their directed teaching at either the primary or intermediate level, or both. The practice teaching is articulated with the instruction in general and specific methods to the limit of practical possibility. The observation and practice teaching are done under the daily direction of competent teachers.

The Peabody College of Education is fortunate in having a Demonstration School. This school is available as a laboratory for observation and experimentation, and provides excellent opportunities for the study of educational problems and practices. The classroom instruction in Education is thus combined with the opportunity to observe and participate in the activities of this school.

RELATED MAJORS AND MINORS

The related majors and minors are named in the order of frequency of their appearance in typical high school teaching assignments.

English	Social Sciences, Latin, French.
Industrial Arts Education	Mathematics, Physical Science, Physical Education.
Social Sciences	English, Mathematics, Biological Science, Science, Physical Science.
Latin	English, French, Social Sciences, Mathematics.
French	Latin, English, Social Sciences, Mathematics.
Mathematics	Physical Science, Social Sciences, Biological Science.
Physical Science	Biological Science, Mathematics, Social Sciences
Biological Science	Physical Science, Mathematics, Social Sciences.
Home Economics	Biological Science, Physical Science, Social Sciences.
Physical Education	Social Sciences, Biological Science, Physical Science, Mathematics.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION[1]

(For Elementary and Secondary Teachers)

First Year

	Hours
English 2a-b-c	9
Social Science 1a-b-c	9
Speech 8 or Approved Elective	5
Political Science 1	5
Human Biology 1-2	10
Mathematics 4	5
Military Science, or Health Education 1	5
Elective	5
	53

Second Year

	Hours
Humanities 1a-b-c	9
Social Science 4	5
Psychology 1, or Approved Elective	5
*Physical Science 1-2	10
Art 17	3
Music 343	3
Health Education 19	3
Industrial Arts Education 132	3
Math 30 or Approved Electives	5
Military Science, or Health Education 2	5
Approved Electives	2
	53

THIRD AND FOURTH YEAR REQUIREMENTS

1. Education Courses:

	Hours
Education 302, School and Society	5
Education 304, Educational Psychology	5
Education 371, Directed Observation	5
Education 381, High School Curriculum and Methods, or Education 392, Elementary Curriculum and Methods	5
Education 552, Psychology of Childhood or Education 555, Psychology of Adolescence	5
Education 346, Directed Teaching[2]	5
	30

2. The following course requirements are expected of all students. These courses should be scheduled during the Sophomore or Junior years.

	Hours
Economics 5, or Approved Elective	5
Sociology 431, or Approved Elective	5
Health Education 344	5
Home Economics 304, Nutrition, or Approved Elective	5
	20

*During the war emergency men students subject to military service will substitute Mathematics 30 (Plane Trigonometry) and either Physics 20 or Chemistry 21 for the Physical Science 1-2 requirement. Physics 20 is required of those not presenting high school physics and Chemistry 21 is required of those presenting high school physics and no high school chemistry. These options are also allowed by special permission of the dean to women students contemplating war service.

[1]All students who are candidates for this degree are encouraged to offer a minimum of 15 college quarter hours in some foreign language—Latin, French, German, or Spanish. Two years in one foreign language taken in the high school may be substituted without college credit.

[2]Students are required to take at least 5 hours credit in Directed Teaching and may elect 5 or 10 additional hours of credit in Directed Teaching. The additional credit of 10 hours will be allowed only outside the city of Athens.

3. Additional hours selected through conferences with the Dean in relation to teaching fields or areas of concentration. (Journalism 366 required of English majors) 45

45

RECOMMENDATIONS FOR CERTIFICATION TO TEACH FOR THOSE STUDENTS NOT MAJORING IN EDUCATION[3]

	Hours
Education 302, School of Society	5
Education 304, Educational Psychology	5
Education 371, Directed Observation	5
Education 381, Methods of Teaching in Secondary Schools, or Education 392, Methods of Teaching in Elementary Schools	5
Education 552, Psychology of Childhood, or Education 555, Psychology of Adolescence	5
Education 346, Directed Teaching	5
	30

BACHELOR OF SCIENCE IN EDUCATION WITH A MAJOR IN HEALTH AND PHYSICAL EDUCATION

(For Women)

First Year

	Hours
English 2a-b-c	9
Social Science 1a-b-c	9
Human Biology 1-2	10
Mathematics 30	5
Chemistry 21-22	10
Elective	5
Health and Physical Education 1	5
	53

Second Year

	Hours
Humanities 1a-b-c	9
Zoology 25-26	10
Education 302-304	10
Social Science 4	5
Health and Physical Education 7	5
Health and Physical Education 19	3
Health and Physical Education 2	5
Electives	6
	53

Third Year

	Hours
Zoology 309	5
Zoology 367	5
Health and Physical Education 360-361	10
Health and Physical Education 352-353-354	15
Health and Physical Education 372	5
Elective	5
	45

Fourth Year

	Hours
Education 381 or 371	5
Education 346-347	10
Health and Physical Education 384	5
Health and Physical Education 370	5
Health and Physical Education 376	5
Electives	15
	45

Recommended electives: Speech 8; Physical Science 1, or Physics 20; Music 43; Art 17; Education 20; Nutrition 345; Mathematics 4.

[3]Thirty quarter hours are required to secure a Professsional Certificate. A professional Certificate, may be secured with a minimum of fifteen or twenty quarter hours in Education. A minimum of twenty hours is generally required in the better accredited schools.

BACHELOR OF SCIENCE IN AGRICULTURE WITH A MAJOR IN VOCATIONAL EDUCATION

First Year

	Hours
English 2a-b-c (Grammar and Composition)	9
Botany 21-22 (For Agricultural Students)	10
Poultry 60	5
Chemistry 21-24 (For Agricultural Students)	10
Animal Husbandry 1	3
Agricultural Economics 3	5
Dairy Husbandry 3	3
Forestry 2	3
Military Science 1, or Health Education 1	5
	53

Second Year

	Hours
English 6a-b-c	9
Physics 20 (Survey)	5
Horticulture 1 (General)	5
Agronomy 10	5
Agronomy 1	5
Agricultural Engineering 20-60-70	9
Mathematics 4 or 30	5
Political Science (American Government)	5
Military Science 2, or Health Education 2	5
	53

Third Year

	Hours
[1]Agricultural Science Selection	20
Bacteriology 350	5
Plant Pathology 353, or Animal Husbandry 382	5
Plant Pathology 358	5
Horticulture 355	5
Minor No. 1	10
Agricultural Economics 301	5
Agronomy 458	5
Electives	15
Education 304	5
Education 335-1	5
Education 302	5
	45

Fourth Year

	Hours
Major	20
Education 336-1	5
Education 346-1	5
Education 347-1	5
Education 348-1, or 302	5
Minor No. 2	10
Electives	15
Education 391	5
	5
	5
	45

BACHELOR OF SCIENCE IN HOME ECONOMICS WITH A MAJOR IN VOCATIONAL EDUCATION

First Year

	Hours
Social Science 1a-b-c	9
Human Biology 1-2	10
English 2a-b-c	9
Art 30	5
Home Economics 20	5
Physics 20	5
Health Education 1	5
Elective	5
	53

Second Year

	Hours
Social Science 4	5
Humanities 1a-b-c	9
Psychology 1, or Speech 8	5
Chemistry 21-22	10
Chemistry 346	5
Home Economics 5	5
Home Economics 22	3
Electives	6
Health Education 2	5
	53

[1]Mathematics 356 and Chemistry 346 may be substituted for any course in this group on approval of advisor.

THIRD YEAR

	Hours
Home Economics Major	20
H. Ec. 306	5
H. Ec. 321	5
H. Ec. 351	5
H. Ec. 375	5
Home Economics Minor No. 1	10
H. Ec. 393	5
H. Ec. 490	5
Education Minor	10
Ed. 302	5
Ed. 335-2	5
Elective	5
	45

FOURTH YEAR

	Hours
Education Major	20
Ed. 336-2	5
Ed. 346-2	5
Ed. 347-2	5
Ed. 304	5
Home Economics Minor No. 2	11
H. Ec. 350	5
H. Ec. 368-9	6
Bacteriology 350	5
Electives	9
	45

SUGGESTED ELECTIVES

	Hours
Animal Husbandry 366 Farm Meats	3
Dairy Husbandry 3 or 391 Farm Dairying	3
Ed. 348-2 Apprentice Teaching in Home Economics	5
Health Ed. 370 Personal and Community Hygiene	5
Health Ed. 384 Playground Management	5
H. Ec. 354 Institutional Cookery	5
H. Ec. 362 Advanced Clothing	5
Hort. 1 General Horticulture	5
Hort. 363 Food Preservation	5
Hort. 409 Home Canning and Preserving	5
Ind. Arts 132 Industrial Arts for Teachers	3
Land. Arch. 360 Appreciation and History of Architecture	5
Poultry Husbandry 60 General Poultry	5

BACHELOR OF SCIENCES IN EDUCATION WITH A MAJOR IN INDUSTRIAL ARTS

FIRST YEAR

	Hours
English 2a-b-c	9
Social Science 1a-b-c	9
Industrial Arts 20	5
Industrial Arts 150	5
Mathematics 4	5
Mathematics 30	5
Human Biology 1-2	10
Military Science 1, or Health Education 1	5
	53

SECOND YEAR

	Hours
English 6a-b-c	9
Social Science 4	5
Physics 20-27, or Chemistry 21-22	10
Art 30, Art Survey	5
Industrial Arts 22	5
Political Science 1	5
Humanities 1a-b-c	9
Military Science 2, or Health Education 2	5
	53

THIRD YEAR

	Hours
Education 302	5
Education 304	5
Education 371	5
Industrial Arts 324	5
Industrial Arts 325	5
Economics 358	5
Art 211	5
Approved Electives	10
	45

FOURTH YEAR

	Hours
Education 381	5
Education 346-47	10
Industrial Arts 327	5
Industrial Arts 328	5
Industrial Arts 330	5
Sociology 431	5
Industrial Arts 326	5
Approved Electives	5
	45

BACHELOR OF SCIENCE IN EDUCATION WITH A MAJOR IN ART

First Year

	Hours
English 2a-b-c	9
Social Science 1a-b-c	9
Art 40	5
Political Science 1	5
Human Biology 1-2	10
Mathematics 4 or 20	5
Speech 8 or Approved Elective	5
Military Science or Health Education 1	5
	53

Second Year

	Hours
Humanities 1a-b-c	9
Social Science 4	5
Art 50 or Psychology 1	5
Physical Science 1-2	10
Art 17	3
Music 43	3
Economics 5	5
Education 19	3
Military Science or Health Education 1	5
Approved Elective	5
	53

Third Year

	Hours
Education 302	5
Education 304	5
Education 381 or 392	5
Art 210	5
Sociology 431	5
Art 221	5
Art 261	5
Approved Electives	10
	45

Fourth Year

	Hours
Education 314 or 315	5
Education 552 or 555	5
Education 346	5
Art 211	5
Approved Electives from Field of Major Concentration	25
	45

BACHELOR OF SCIENCE IN EDUCATION WITH A MAJOR IN MUSIC

First Year

	Hours
English 2a-b-c	9
Social Science 1 a-b-c	9
Human Biology 1-2	10
Political Science 1	5
Music 1	5
Music 2	5
Music 31	5
Military Science or Health Education 1	5
	53

Second Year

	Hours
Humanities 1a-b-c	9
Social Science 4	5
Physical Science 1-2	10
Art 17	3
Music 43	3
Music 32	5
Music 33	5
Music 83	3
Military Science or Health Education 1	5
Approved Elective	5
	53

THIRD AND FOURTH YEAR REQUIREMENTS

	Hours
1. Education Courses: 302, 304, 381 or 392, 312 or 313, 552 or 555, 346	30
2. Economics 5, Sociology 431, Health Education 344, and Home Economics 304, Nutrition, or Approved Electives	20
3. Additional hours to be selected with the approval of the Head of the Department of Music and of the Dean of the College of Education	40

COURSES OF INSTRUCTION

(A) ADMINISTRATION OF SCHOOLS

NOTE: Due primarily to war conditions some of the courses listed may not be offered as announced. In particular the University reserves the right to withdraw any course for which the registration is not sufficiently large.

The official University schedule for the Fall, Winter and Spring courses will be ready for distribution on September 15th. A copy will be mailed by the Registrar upon request.

390. SCHOOL ADMINISTRATION FOR TEACHERS. 5 hours. Prerequisite: Three courses in Education. *Mr. Pusey.* (Not offered in 1944-45)

This course deals with the administrative duties of teachers and with the guidance of extra-class activities of pupils.

790. EDUCATIONAL ADMINISTRATION. 5 hours. Prerequisite: Four courses in Education. *Mr. Pusey.*

First basic course for those preparing for administrative positions. Among the topics treated are: the function of education in a democracy, the legal bases of a school system, boards of education, organization of a school system, business management,

791. EDUCATIONAL ADMINISTRATION. 5 hours. Prerequisite: Four courses in Education. *Mr. Pusey.*

Second basic course for those preparing for administrative positions. Among the topics treated are: curriculum making, improvement of instruction, the school plant, relations with the public, adult education, etc. Attention will be directed primarily to the organization and administration of schools in the South.

793. ADMINISTRATION AND SUPERVISION OF CONSOLIDATED SCHOOLS. Prerequisite: Education 304 and 302 or 380. *Mr. Wheeler.*

Interpretation of curricula in terms of community needs; organization of rural schools, rural school administration, cost accounting of school activities, adult education in rural communities, consolidation and transportation. Not open to students who have credit for Education 794. (Not offered in 1944-45)

794. SCHOOL ADMINISTRATION. 5 hours. Prerequisite: Four courses in Education. *Mr. Pusey.*

A course dealing with the duties of school principals, organization and administration of the individual school, the principal's responsibility for the curricula of his school and for supervision, the principal's relationships, etc. Not open to students who have credit for Education 793.

795. STATE AND COUNTY SCHOOL ADMINISTRATION. 5 hours. Prerequisite: Four courses in Education. *Mr. Pusey.*

The relation of the Federal Government to education; the state department of education and the functions of its various divisions; local units of administration; the relationships of the superintendent; county boards of education; school law; certification of teachers; the county unit system; consolidation and transportation.

797. THE SCHOOL PLANT. 5 hours. Prerequisite: Education 790 and 791. (Not offered 1944-45)

798. SCHOOL FINANCE AND BUSINESS MANAGEMENT. 5 hours. Prerequisite: Education 790 and 791. *Mr. Pusey.*

Problems of financing a school system; school revenues, budget making; school costs; insurance; financial accounting; records and reports; management of school plant, equipment, and supplies, etc.

824. SCHOOL PERSONNEL. 5 hours. Prerequisite: Education 790 and 791. (Not offered 1944-45)

(B) CURRICULUM

504. FUNDAMENTALS OF THE CURRICULUM. 5 hours. *Mr. Morrow.*

An introductory course on the curriculum of elementary and secondary schools. Emphasis placed on improvement of the curriculum in Georgia and the Southeast.

506. CURRICULUM PLANNING IN THE WAR AND POST-WAR PERIODS. 5 hours. *Mr. Morrow.*

Problems of the curriculum of elementary and secondary schools in the war and post-war periods. Guidance as a part of the curriculum. The High-school Victory Program; War-time Citizenship; Health and Physical Education; Mathematics, Natural Science, etc.

507, 508. SECONDARY SCHOOL CURRICULUM. 3 hours each, or a total of 6 hours. *Mr. Morrow.* (Not offered 1944-45)

A course designed to provide an integrated view of the entire secondary school curriculum to guide students in selecting, organizing and developing instructional materials for secondary schools.

805. RESEARCH ON THE CURRICULUM. 3 hours. *Mr. Morrow.*

This course affords the opportunity for a graduate student to do individual research on a curriculum problem.

(C) DIRECTED OBSERVATION AND TEACHING

371. DIRECTED OBSERVATION. 5 hours. Prerequisite: 302 and 304. *Mrs. Sutton.*

This course provides an opportunity for critical study and evaluation of current practice in terms of progressive theory. The course deals with basic problems of the modern teacher at all levels of growth, childhood, youth, and adults, objectified by related observation in the University Demonstration School and other selected schools.

346, 347, 348. DIRECTED TEACHING. 5 or 10 or 15 hours. Prerequisite: 302, 304, 371, or 392.

This course allows the student to engage in a total program of teaching activities, gradually advancing from observer to participant and finally to the full responsibilities of a teacher. Limit to 10 hours in Athens.

(D) EDUCATIONAL PSYCHOLOGY

304. EDUCATIONAL PSYCHOLOGY. 5 hours. *Mr. Ritchie* and *Mr. Greene.*

An elementary course designed to develop an understanding of the psychological principles of teaching and learning as related to the total growth of the individual.

502. ADVANCED EDUCATIONAL PSYCHOLOGY. 5 hours. *Mr. Greene.* (Not offered 1944-45)

A consideration of the practical applications of the scientific findings of educational psychology to the more complex problems involved in the growth and development of learners.

511. PROBLEMS IN EDUCATIONAL PSYCHOLOGY. 5 hours. Prerequisite: Education 304. *Mr. Greene.*

A course designed to provide opportunities for the advanced student to secure specialized training in selected areas of educational psychology (e. g., individual differences, motivation, evaluation procedures, etc.)

552. PSYCHOLOGY OF CHILDHOOD. 5 hours. Prerequisite: Education 304 or equivalent. *Mr. Greene.*

A course designed to develop functional skills in undestanding the interests, needs and abilities of elementary pupils and in evaluating the total development of elementary pupils. Should be scheduled concurrently with Education 371 or Education 346.

555. PSYCHOLOGY OF ADOLESCENCE. 5 hours. Prerequisite: Education 304 or equivalent. *Mr. Greene.*

A course designed to develop functional skills in understanding the intersts, needs, and abilities of adolescents, and in evaluating the total developments of adolescents concurrently with Education 371 or Education 346.

(E) EDUCATIONAL RESEARCH AND MEASUREMENTS

515. STATISTICAL METHODS IN EDUCATION. 5 hours. *Mr. Greene.*

A course designed to develop an undestanding of the appropriate uses of statistical methods in education and to develop basic skills needed in the analysis of quantitative data in education.

556. EDUCATIONAL TESTS AND MEASUREMENTS. 5 hours. *Mr. Ritchie.*

Nature and function of measurement; the traditional examination; new-type tests; standardized tests; surveys and diagnostic tests; remedial teaching based upon diagnostic testing; measures of central tendency; measures of variability; tests and the classroom teachers; tests and the administrator.

816. METHODS AND APPLICATION OF EDUCATIONAL RESEARCH. 5 hours. *Mr. Greene.*

An appraisal of the techniques and procedures of research in education, with special applications to problems involved in conducting and reporting the research studies of graduate majors in education.

900. THESIS AND DISSERTATION SEMINAR. Non-credit. *Mr. Pusey* and *Staff.*

All candidates for Master's or Doctor's degree will enroll for this course without credit. Opportunities will be provided for critical consideration of investigations being made by graduate students majoring in Education.

(F) HISTORY AND PHILOSOPHY OF EDUCATION

301. PUBLIC EDUCATION. 5 hours. *Mr. Ritchie.*

A study of public education in Georgia and the Southeast. This course is for prospective citizens who will be taxpayers, patrons of schools, and members of school boards, as well as for prospective teachers.

302. THE SCHOOL AND SOCIETY. 5 hours. *Mr. Morrow* and *Mr. Wheeler.*

The work of the public schools in relation to the needs and interests of the community. Special attention to Georgia and the Southeast.

580. PRINCIPLES OF SECONDARY EDUCATION. 5 hours. *Mr. Pusey.*

This course deals with the fundamental principles determining the theory and practice of secondary education, also the principles governing the functions and reorganization of secondary education, the selection and organization of instructional materials, and the evaluation of the secodary education program.

803. PHILOSOPHY OF EDUCATION. 5 hours. *Mr. Ritchie* and *Mr. Morrow.* (Not offered 1944-45)

Problems of educational objectives; sources of a science of education; a study of the principal and progressive movements in education. Education for a changing social order; the new social philosophy and the school; the new curriculum; reconstruction of educational ideals.

871. ADULT EDUCATION. 5 hours. Prerequisites: Four courses in Education. *Mr. Aderhold* and *Miss Schmidt.*

This course deals with the general problems of adult education in a democratic program of education. It is especially adapted to situations in Georgia.

(G) METHODS OF TEACHING

312. METHODS OF TEACHING PUBLIC MUSIC IN THE ELEMENTARY SCHOOL. 5 hours. Prerequisite: Music 302. Winter and Spring Quarters. N. Campus. Fine Arts Building. *Miss Smith.*

313. METHODS OF TEACHING MUSIC IN JUNIOR AND SENIOR HIGH SCHOOLS. 5 hours. Fall and Winter Quarters. N. Campus. Fine Arts Building. *Miss Smith.*

314. SPECIAL METHODS OF TEACHING ART IN THE ELEMENTARY GRADES. 5 hours. Fine Arts Building. *Miss Holliday.*

This course deals with suitable activities and experience in art for the grades, and modern methods for handling them.

315. SPECIAL METHODS OF TEACHING ART IN THE HIGH SCHOOL. 5 hours. Fine Arts Building. *Miss Holliday.*

Emphasis on phases of art for high-school students and methods of teaching them.

381. HIGH SCHOOL CURRICULUM AND METHODS. 5 hours. Prerequisites: Education 302 and 304. *Mr. Pusey.*

The purpose of this course is to acquaint prospective teachers with the various teaching procedures used in the public schools. Analyses will be made of available instructional materials. Emphasis will be placed upon procedures for locating and organizing instruction on the basis of social, economic and personal problems.

392. ELEMENTARY CURRICULUM AND METHODS. 5 hours. Prerequisites: Education 302 and 304. *Mrs. Sutton.*

A treatment of modern trends in the teaching of social studies, science, and all skills in the elementary school. The course involves a study of the practical bearings of investigation and progressive theory on recent developments of the elementary school curriculum.

410. THE USE OF VISUAL AIDS IN EDUCATION. 5 hours. *Mr. Ritchie.*

A course in visual education. A study of the value and needs of visual instruction; equipment needed for visual instruction. The selection of visual material, general techniques of visual instruction; sound films, slides, opaque projections, and other visual classroom aids.

517. PROBLEMS OF TEACHING. 5 hours. *Mrs. Sutton.*

In this course special emphasis will be placed upon instructional procedures. An evaluation of teaching in terms of child growth will be considered. Growth in the child's ability to use the skills, in his ability to adjust himself socially, and in the use of his creative abilities will be emphasized.

(H) SUPERVISION OF TEACHING

546, 547, 548. APPRENTICE SUPERVISION. Graduate credit 5 hours.
Field work in Georgia counties under county supervisors of schools, but under the guidance of a field worker from the staff of the College of Education.

730. SUPERVISION. 5 hours. Prerequisite: Graduate standing with experience in teaching or special permission of the instructor. *Miss Franseth.*
This course is open to supervisors, classroom teachers, administrators, and curriculum workers. The work will center on ways and means of improving instruction through an attack on selected instructional problems.

830. INVESTIGATIONS IN SUPERVISION. 5 hours. *Miss Franseth.*
The purpose of this course is to give advanced graduate students an opportunity to do research on instructional procedures.

(I) HEALTH AND PHYSICAL EDUCATION

1-2. HEALTH AND PHYSICAL EDUCATION. 10 hours. Three hours per week for six quarters. North Campus, Lucy Cobb Gymnasium and Dance Theater.
The activities are now based on the college physical fitness program sponsored by the United States Office of Education Committee on Wartime Physical Fitness for Colleges and Universities.

7. PHYSICAL EDUCATION METHODS FOR SCHOOL AND COMMUNITY. 5 hours. 3 hours lecture, 4 hours laboratory. North Campus. *Miss Keaster.*
Study of the functions of physical education activities, their place in the school curriculum and their relation to community life. Materials include games and sports, rhythmics, self-testing activities and stunts for the elementary grades.

19. FIRST AID AND SAFETY EDUCATION. 3 hours. North Campus. *Miss Keaster.*
The American Red Cross Standard Course in First Aid is followed by a broad consideration of the opportunities for safety teaching in the school program.

344. HEALTH EDUCATION AND ITS PLACE IN THE SCHOOL CURRICULUM. 5 hours. 3 hours lecture, 4 laboratory periods per week. North Campus. *Mrs. Soule* and *Staff.*
The purpose of this course is to give a general understanding of the aims of the health education program in school and community, and to show how this program may be integrated with the rest of the school curriculum. Materials include health instruction, examination and follow-up, safety education, games and sports, rhythmics, self-testing activities and stunts for elementary grades, and party planning for adult groups.

352-353-354. PHYSICAL EDUCATION ACTIVITIES. 5 hours. 5 double laboratory periods for each of three quarters. North Campus, Lucy Cobb Gymnasium and Dance Theater. *Misses Keaster* and *Jennings* and *Mrs. Farmer.*
Activities included are: Fall Quarter—field rocky, soccer, tennis, badminton, speedball, fieldball; Winter Quarter—physical fitness, basketball, tumbling, volleyball; Spring Quarter—archery, softball, folk dance, modern dance.

360. KINESIOLOGY. 5 hours. Prerequisites: Zoology 309 and 367. North Campus. *Miss Keaster.*
Study of bodily movement, analysis of joint and muscular actions, effects of various types of exercises on the body, with practical applications.

361. CORRECTIVE PHYSICAL EDUCATION. 5 hours. Prerequisite: Health Education 360. North Campus. *Miss Keaster.*
Study of the principles of correct body mechanics, analysis of common postural defects, prescription of exercises adapted to individual needs and methods of administering physical examinations.

370. PERSONAL AND COMMUNITY HYGIENE. 5 hours. North Campus. *Mrs. Soule.*
Study of problems relating to personal and community hygiene.

372. INTRODUCTION TO HEALTH AND PHYSICAL EDUCATION. 5 hours. North Campus. *Mrs. Soule.*

Survey of the history as well as principles and trends in health, physical education and recitation. Professional organizations, literature, leaders and outstanding programs are studied.

384. PLAYGROUND MANAGEMENT AND COMMUNITY RECREATION. 5 hours. North Campus. *Staff.*

Provides opportunity for the students to understand recreational needs and to develop skills and leadership in recreational activities.

376. ORGANIZATION AND ADMINISTRATION OF THE HEALTH AND PHYSICAL EDUCATION PROGRAM. 5 hours. North Campus. *Mrs. Soule.*

Consideration of the organization and administration of program in health and physical education.

711. HEALTH EDUCATION IN SCHOOL AND COMMUNITY. 5 hours. Prerequisite: 4 courses in Education. Men and Women. *Mrs. Soule.*

Analysis of problems in health education as they pertain to children enrolled in school, out of school, and adults. The place of the classroom teacher, county supervisor, and school administrator in the health education program.

712. SCHOOL AND COMMUNITY RECREATIONAL PROGRAMS. 5 hours. Prerequisite: 4 courses in Education. Men and Women. *Mrs. Soule.*

Program materials, facilities and equipment, and general supervision. Plans for the consideration of the various federal, state and local agencies will be studied.

Opportunities will be given for observation of, participation in, and study of outstanding recreational programs.

713. PHYSICAL EDUCATION IN THE SCHOOL PROGRAM. 5 hours. Prerequisite: 4 courses in Education. Men and Women. *Mrs. Soule.*

Designed to help teachers and administrators to evaluate and understand the place of physical education in education. The needs of students, both individual and group, programs, equipment and facilities, and their relation to the school and the community are studied.

(J) VOCATIONAL EDUCATION COURSES

Undergraduate Courses

ED. 302. THE SCHOOL AND SOCIETY. 5 hours. N. Campus. *Mr. Wheeler.*

The aim of this course is to give prospective teachers the ability to develop, in broad outline, appropriate, integrated programs of public education which are designed to meet the needs of children, youth and adults in the communities of Georgia. Some attention is given to the functions of the school as an institution of Society, including the work of the school in relation to the education furnished by other agencies, such as home, vocation, church, etc. Special attention is given to the responsibilities of the school in a democratic society for meeting the needs of the individual child, youth or adult, and also the common needs of the democratic group. A strong effort is made in the course to develop in the prospective teacher a definite and sound viewpoint about the nature and place of education in the lives of the people of Georgia and the Southeast.

ED. 335, 1-2. CURRICULUM PLANNING. 5 hours. Prerequisite or concurrent: Education 302. Only one section of this course may be taken. Education 335-1 for students of Vocational Agriculture; Education 335-2 for students of Vocational Home Economics. N. Campus. *Mr. Wheeler, Mr. Aderhold, Miss Todd, Miss Beall* and *Miss Schmidt.*

The purpose of this course is to develop the ability of the students to engage in curricula activities of the public schools. Emphasis is placed upon procedures for locating, organizing, and summarizing data concerning social, economic, and personal problems to serve as a guide in formulating curricula activities with youth and adults based upon their needs and interests.

ED. 336, 1-2. TEACHING PROCEDURES. 5 hours. Prerequisite or concurrent: Education 304. Prerequisite: Ed. 335. Only one section of this course may be taken. Education 336-1 for students of Vocational Agriculture; Education 336-2 for students of Vocational Home Economics. N. Campus. *Mr. Wheeler, Mr. Aderhold, Miss Todd, Miss Beall* and *Miss Schmidt.*

This course deals with the problems confronting teachers of Vocational Agriculture and Vocational Home Economics in planning specific units for instruction, methods of teaching, project supervision, etc. Observations of vocational teaching will be made in nearby schools.

ED. 346, 1-2; 347, 1-2; 348, 1-2. APPRENTICE TEACHING. 10 or 15 hours. Prerequisites: Education 304, 335, and 336. Education 346-1, 347-1, and 348-1 for students of Vocational Agriculture; Education 346-2, 347-2, and

348-2 for students of Vocational Home Economics. Off-campus centers. *Mr. Wheeler, Mr. Aderhold, Mr. Tolbert, Miss Todd, Miss Beall* and *Miss Schmidt.*

The program of apprentice teaching is a cooperative undertaking between the University and selected school systems. The three-fold purpose is: (1) to give college students experience in actual problems of teaching in normal situations, (2) to aid teachers in service, and (3) to assist faculty members in understanding the actual problems in the field for which they are aiding in the preparation of teachers.

The student, for a quarter, becomes a resident of the selected school community and an apprentice to the supervising teacher. He participates in all the responsibilities carried by his supervising teacher, engaging in a total program of teaching activities, gradually advancing from observer to participant and finally to full responsibility as a teacher.

During the latter part of the quarter, apprentices meet in conferences with the faculty for the purpose of pooling, summarizing, and evaluating their apprentice experiences and on-campus activities.

EDUCATION 357. 5 hours. Prerequisite, at least 2 years Standard Agricultural College or experience as a qualified teacher of Agriculture. *Dr. O. C. Aderhold, Prof. Ralph H. Tolbert, Dr. John T. Wheeler.*

This course is offered primarily as a means of recruiting and establishing older men in the field of teaching agriculture in public high schools of the State, and as a refresher course for those who have taught in this field. It deals with the problems confronting the teachers of vocational agriculture in developing and carrying out programs of agricultural education in local and county school systems.

ED. 391. TEACHING AGRICULTURE TO ADULTS. 5 hours. Prerequisite: Consent of Instructor. N. Campus. *Mr. Aderhold* and *Mr. Wheeler.*

This course is designed to meet the needs of those who are planning to give organized instruction to groups of farmers. It is open to prospective teachers of Agriculture, County Agents, Farm Security Supervisors, Soil Conservation Technicians, and other Agricultural workers. It is a required course for those preparing to teach Agriculture and a service course for other departments in the College of Agriculture.

This course deals with procedures and activities in finding, organizing, and summarizing data concerning the problems encountered by farmers, techniques of organizing adults groups, planning teaching material, and teaching adult groups. Observation of adult instruction are made in selected schools in the vicinity of the University.

Graduate Courses

ED. 771. TEACHING PROCEDURES IN VOCATIONAL EDUCATION. 5 hours. Prerequisites: Four courses in Education and consent of Instructor.

This course is designed to meet the needs of those teachers of Vocational Agriculture and Home Economics who desire more guidance in developing curricula and improving teaching procedures. Consideration is given to the development of curricula based on the needs and interests of students enrolled in Vocational Education, the organization of the curricula into teaching units, the planning of units for instruction, teaching, and evaluation.

ED. 772. EVALUATION IN VOCATIONAL EDUCATION. 5 hours. Prerequisites: Four courses in Education and consent of Instructor. *Mr. Wheeler* and *Miss Schmidt.*

This course has two primary purposes: (1) to guide teachers, supervisors and administrators to develop the ability to evaluate departments and programs of Vocational Education in schools and communities, and (2) to guide teachers in the development of methods and techniques for evaluating their own instruction. Techniques for studying and evaluating departments are developed and used in evaluating one or more vocational programs in a selected school or schools. Consideration may be given to the organization of teaching programs, planning teaching units, setting up evaluative techniques for measuring pupil development and the application of these techniques to teaching situations.

ED. 773. SUPERVISION OF VOCATIONAL TEACHING. 5 hours. Prerequisites: Four courses in Education and consent of Instructor. *Mr. Aderhold* and *Miss Beall.*

The major purpose of this course is to bring together representatives of the five teacher training agencies in Georgia in the field of Vocational Education and to develop cooperatvely a comprehensive program of teacher training. Major emphasis is placed upon the following: (1) developing a point of view or philosophy of teacher education, (2) analyzing the present teacher training program in Vocational Education in Georgia, to discover problem situations that may be used as a basis for teacher education programs, and (3) determining the relative emphasis for each teacher training agency to place upon the solution of the several problems in the teacher education program.

ED. 871. ADULT EDUCATION. 5 hours. Prerequisites: Four courses in Education and consent of Instructor. *Mr. Aderhold* and *Miss Schmidt.*

The primary purposes of this course are: (1) to develop a philosophy of Adult Education. (2) to develop techniques for discovering adult problems, and (3) to discover and apply appropriate methods of organizing and teaching adult groups. The course is designed to meet the needs of the following: teachers and supervisors of Vocational Agriculture and Home Economics, experienced teachers in other fields, rural school supervisors and administrators, agricultural extension workers, and other adult leaders.

ED. 872. VOCATIONAL GUIDANCE. 5 hours. Prerequisite: Consent of Instructor. *Mr. Wheeler.*

The purposes of this course are: (1) to study the present problems of Vocational Guidance and (2) to develop methods of solving these problems. The course aims to give teachers and administrators a working basis for studying vocational and placement problems as a part of an educational program.

ED. 873. PROBLEMS IN VOCATIONAL EDUCATION. 5 hours. Prerequisites: Four courses in Education and consent of Instructor. *Mr. Wheeler* and *Miss Todd.*

This course is designed to meet the needs of experienced teachers of Agriculture and Home Economics who had their professional training outside of the state and teachers in these two fields who want to get additional training in specific problems of teaching. The course is planned so that students may work at their special interests individually or in groups.

(K) INDUSTRIAL ARTS

20. GENERAL SHOP. 5 hours. One single and four double periods per week. *Mr. Harrison.*

A general survey course for acquainting the student with a variety of materials, tools, and procedures used in modern civilization. Elementary work is done in wood, metal, electricity, and several crafts.

22. BEGINNING WOODWORK. 5 hours. One single and four double periods per week. *Mr. Harrison.*

A course in which the use of hand tools with skill is emphasized. The course includes the planning, construction, and finishing of projects in wood.

132. INDUSTRIAL ARTS FOR ELEMENTARY TEACHERS. 3 hours. One single and two double periods per week. *Mr. Harrison.*

A course designed for persons majoring in education and planning to teach in the elementary grades. Emphasis is placed on the use of tools and materials suitable for use in the elementary grades.

133. INDUSTRIAL ARTS FOR TEACHERS. 5 hours. One single and four double periods per week. *Mr. Harrison.*

A course similar to Ed. 132. Emphasis is placed on the use of tools and materials suitable for use on the elementary or secondary school level.

150. INDUSTRIAL ARTS-DRAFTING. 5 hours. One single and four double periods. *Mr. Harrison.*

A course in which a study is made of reading and writing a graphic language. A portion of the time will be devoted to working drawings of projects suitable for industrial arts work.

(L) LIBRARY SCIENCE

(North Campus)

The courses in Library Science are planned primarily to train teacher-librarians for small schools in accordance with the requirements of the Southern Association of Colleges and Secondary Schools. The requirement of twelve semester (eighteen quarter) hours can be met by completing the following four courses. They may not be taken for graduate credit in the University of Georgia, and are not accepted for credit by other schools giving graduate degrees in library science.

351. READING GUIDANCE AND BOOK SELECTION FOR CHILDREN AND YOUNG PEOPLE. 5 hours. Laboratory fee $2.50. Fall Quarter.

This course provides for a study of the principles used in evaluating and selecting books, magazines, and other materials for the school library; and of methods used to stimulate reading. Class discussion and laboratory work based on books examined and read.

352. Organization and Administration of the School Library. 5 hours. Spring Quarter.

The aim of this course is to give the techniques needed for planning and organizing the library and making it function in the school. Methods used include field work, directed observation and problems designed to give the student practical experience in the organization and administration of a school library.

353. Reference and Bibliography: The School Library as an Information Laroratory. 5 hours. Fall Quarter.

The primary purpose of this course is to provide the student with the knowledge and skill necessary in making the school library a definite and helpful part of every phase of the public school program. Emphasis is placed on the selection and use of materials to supplement the Georgia curriculum. Criteria will be developed for evaluating various types of material and practice given in the compilation of bibliographies for typical situations.

354. Cataloguing and Classification. 5 hours. Laboratory fee $2.50 Winter Quarter.

This course is designed to give instruction and practice in the elementary principles of cataloguing and classifying books, with particular attention to the problems of the school library.

THE COLLEGE OF BUSINESS ADMINISTRATION

THE FACULTY

ROBERT PRESTON BROOKS, A.B., PH.D., *Dean of the College.*
EDWIN CLAYBROOK GRIFFITH, A.B., M.A., PH.D., *Acting Assistant Dean.*
DOROTHY FORD, *Secretary.*

ROBERT PRESTON BROOKS, A.B., PH.D., *Professor of Economics.*
JOHN FRANCIS BURKE, B.B.A., M.B.A., *Assistant Professor of Accounting.*
ROBERT SANFORD CORNISH, B.A., M.A., PH.D., *Associate Professor of Finance.*
HERMAN A. ELLIS, A.B., M.A., *Assistant Professor of Secretarial Science.*
CATHERINE YOUNG GRAHAM, A.B., A.M., *Acting Instructor in Economics.*
EDWIN CLAYBROOK GRIFFITH, A.B., M.A., PH.D., *Associate Professor of Economics.*
*HAROLD MILTON HECKMAN, B.S.C., M.A., C.P.A., *Professor of Accounting.*
JOHN WILKINSON JENKINS, A.B., M.A., *Professor of Economics.*
MARTHA MCREE MATTHEWS, B.S.C., *Instructor in Secretarial Science.*
*CHARLES FRANKLIN SCHEIDER, B.S.C., M.S.C., *Instructor in Economics.*
*ROBERT TAYLOR SEGREST, B.S.C., M.S.C., *Associate Professor of Economics and Assistant Dean.*
*GLENN WALLACE SUTTON, B.S., M.A., PH.D., *Professor of Finance and Director of Bureau of Business Research.*
MABEL CARPENTER WATSON, B.S.C., *Acting Assistant Professor of Secretarial Science.*
*WILBURN JACKSON WINTER, A.B., *Instructor in Accounting.*

LIBRARIAN

ANNIE CARLTON.

HARMON W. CALDWELL, A.B., LL.B., LL.D., *President of the University and Ex-Officio Member of the Faculty.*
L. L. HENDREN, A.B., M.A., PH.D., *Dean of Faculties and Ex-Officio Member of the Faculty.*

WILLIAM TATE, A.B., A.M., *Dean of Students.*
T. W. REED, M.A., LL.B., *Registrar.*
J. RALPH THAXTON, A.B., M.A., PH.D., *Director of Admissions.*
J. D. BOLTON, C.P.A., *Comptroller and Treasurer.*

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*Absent on leave for some form of service related to the war. (See page 5).

SPECIAL LECTURERS

WILLIAM D. ANDERSON, A.B., *President, Bibb Manufacturing Company, Macon, Georgia.*

PRESTON S. ARKWRIGHT, B.PH., B.L., *President, Georgia Power Co., Atlanta.*

MALCOLM H. BRYAN, A.B., M.A., *Vice President, The Federal Reserve Bank, Atlanta; Formerly, Professor of Economics, The University of Georgia.*

RICHARD W. COURTS, A.B., *President, Courts and Company, Atlanta.*

JESSE DRAPER, B.S.A., *President, Draper-Owens Company, Atlanta.*

ROBERT W. JOHNSON, *Chairman of the Board, Johnson and Johnson, New Brunswick, N. J., and Gainesville, Georgia.*

HARRISON JONES, A.B., LL.B., *Vice President, The Coca-Cola Company, Atlanta.*

MARSHALL MORTON, A.B., B.S., *City Manager, Columbus.*

HUGHES SPALDING, B.L., *Spalding, Sibley, Troutman and Brock, Atlanta.*

ROBERT STRICKLAND, *President, Trust Company of Georgia, Atlanta.*

ROBERT V. WATTERSON, *Vice President, Citizens and Southern National Bank, Athens.*

JAMES WHITE, JR., A.B., *President, The National Bank of Athens.*

T. GUY WOOLFORD, *Chairman of the Board, The Retail Credit Company, Atlanta.*

COLLEGE OF BUSINESS ADMINISTRATION

ORGANIZATION AND PURPOSES

The College of Business Administration was authorized by the Board of Trustees in 1912 and began operations in 1913. For many years it was called the School of Commerce. Since 1926 the College has been a member of the national standard-setting organization, The American Association of Collegiate Schools of Business.

The primary aim of the College is to provide thorough training for students who expect to enter the business world. This training includes many courses designed to provide an understanding of the history and general principles that underlie the present economic organization of society, as well as courses devoted to special subjects of a technical character. Fields covered are accounting, economics, finance, both public and private, marketing, industrial relations, insurance, public administration, and secretarial studies.

The curriculum of the College, however, is by no means restricted to purely economic and business courses. The regulation of the American Association of Collegiate Schools of Business is that at least 40 per cent of the credit hours required for graduation must be in liberal or cultural courses. Discussion of courses of this character, so essential in the training of a well rounded college graduate, will be found under Degree Requirements.

EQUIPMENT

The College is housed in a modern, commodious, and attractive building, constructed fifteen years ago for the joint occupancy of the College of Business Administration and the School of Journalism. Ample room is available for lecture purposes and laboratory work. A library and study hall is maintained with current books and periodicals in the field of economics and business.

The College of Business Administration is equipped with the various types of machines common in business: adding machines, bookkeeping machines, mimeograph equipment, and dictaphones. In addition International Business Machines Corporation equipment is available for instructional purposes in the accounting laboratories. The latest types of this punch card accounting machinery are included, such as sorters, punches, tabulators, and summary punches. Alphabetic punch card equipment has recently been added to the numeric machines.

THE COLLEGE OF BUSINESS ADMINISTRATION AND THE WAR

Japan declared war against the United States and attacked Pearl Harbor on December 7, 1941. The following day Congress passed a joint resolution declaring war on Japan, and on December 11 Germany and Italy declared war against us. On the same day Congress declared the United States at war with those countries. Since our entrance into the World War heavy drafts have been made on the personnel of the College. About half of the regular staff are at the time of writing (February, 1944) engaged in some form of effort related to the war.

In the period January 1, 1942, to May, 1942, Dean Brooks was Regional Price Executive in the Atlanta Office of the Office of Price Administration.

Professor H. M. Heckman is Supervisor of the Cost Accounting Division of the St. Johns River Shipbuilding Company, at Jacksonville, Florida.

Professor Glenn W. Sutton is a Lieutenant (senior grade) in the Navy and is stationed at the Navy Pre-Flight School in Athens, Georgia.

Associate Professor R. T. Segrest is an economist in the Atlanta Regional Office of the War Labor Board.

Assistant Professor Herman A. Ellis was granted a leave of absence to accept a teaching assistantship on the instructional staff of the U. S. Naval Training School at Indiana University. He is now teaching part time in the A.S.T.P. program at the University and giving part time to his regular work in the College.

Instructor Wilburn J. Winter was until recently Supervisor of the Tabulating Division of the St. Johns River Shipbuilding Company in Jacksonville, Florida. He is now an Ensign in the U. S. Navy.

Instructor Charles F. Scheider was a reserve officer in the Army. He was called and is stationed in the Quartermaster's Division of the Office of the Chief of Statistical Services, Services Supply, in Washington. He is now a Captain.

The absence of these teachers has forced a considerable modification of the program of the College. It has been found necessary to discontinue for the time being quite a number of courses. The major part of the usual program has, however, continued to function. Personnel problems and the fact that the University is located in a small town with few important industries and in a part of the state where war industries of importance have not been established have made it impossible for the College to participate in the war effort to the extent that everyone desired.

Several new courses with specific bearing upon the war have been instituted, such as the course in the Economics of War and the course in Industrial Management. Naturally, many of the regular courses in the College are of great importance for war purposes, such as the courses in Accounting and Secretarial Training. In these and in all other courses the emphasis is being laid on the relationship of economics to war.

Perhaps the most important practical service the College has rendered to the war effort has been the training of young men and women in the use of the equipment of the International Business Machines Company. Many of these trained students are in war service or war industries and others are now being trained.

DEGREES OFFERED

The degree of Bachelor of Business Administration is awarded upon completion of the four-year course. For the duration of the War a general acceleration has been put into effect. The summer quarter has been changed into a fourth quarter of equal rank with the other three. By taking advantage of this change, students will be able to complete the degree requirements in three calendar years—in some cases in an even shorter period.

Much of the required work in the Freshman and Sophomore years is of

a general nature in the social sciences, the physical and biological sciences, mathematics and languages. Economic and business subjects come largely in the Junior and Senior years.

In the Graduate School of the University the degrees of Master of Arts with a major in Economics and Master of Business Administration are offered. Applicants holding the degree of Bachelor of Business Administration who are qualified with respect to the language and other liberal arts requirements, are permitted to apply for the Master of Arts degree with a major in Economics. This degree is also available for Bachelors of Arts and Bachelors of Science who have the essential background in economics.

The degree of Master of Business Administration is provided for applicants holding the degree of Bachelor of Business Administration or its equivalent. Requirements for this degree are the completion of a major of four courses, two minors of two courses each, and a thesis. The major and one minor must be chosen from graduate courses in Economics and Business Administration. One minor may be taken in a related field. Courses bearing 400 numbers are eligible for graduate credit.

ADMISSION

The requirements for admission are the same as those for the University in general, there being no special requirements of this College. Most students are admitted upon a certificate of graduation from an accredited high school. These certificates are expected to show acceptable grades in 15 units, 8 of which are fixed requirements. These are:

English	3 Units
Social studies	2 Units
Mathematics	2 Units
Science	1 Unit

While no foreign language units are required, it is desirable that applicants should present at least 2 units, since otherwise difficulty will be encountered in meeting the foreign language requirement in the Bachelor of Business Administration degree.

Large numbers of students are now transferring from the Junior Colleges of Georgia. Such advanced students enter the Junior class and are expected already to have covered the curriculum of the first two years. Transfer students who expect to enter the College of Business Administration should include in their junior college curriculum, if possible, Economics 5, Economic Principles, and the two courses in Elementary Accounting, Business Administration 6 and 7. Otherwise they will enter the Junior Class under a distinct handicap.

CREDIT HOURS REQUIRED FOR GRADUATION

The requirements for graduation in the University of Georgia are stated in terms of quarter hours. A course which meets five times a week for one quarter carries five hours credit. For graduation 186 such credits are required. This total does not include the basic work in Military Science or Health Education. Though required for graduation these courses carry no credit hours. An average of not less than "C" in all grades received

must be made and grades below "C" are permitted in only one-fourth of the quarter hours earned. At least one full year must be spent in residence in Athens.

CREDIT BY CORRESPONDENCE COURSES

The Board of Regents of the University has created a service known as the Division of General Extension, with headquarters in Atlanta and a branch office in Athens. Under the auspices of this Division students are permitted to take by correspondence a large number of courses. These courses carry University credit, but not more than one-fourth of the total degree requirements may be met in this way. A list of the courses in Business and Economics offered by correspondence may be obtained from the Director of General Extension, 223 Walton Street, N. W., Atlanta, or from Mrs. J. T. Bradberry, University of Georgia, Athens, Georgia.

EXPENSES

Registrants in the College of Business Administration, if residents of Georgia, pay each quarter in advance a matriculation fee of $47.50. Students who are not legal residents of Georgia are required to pay $132 per year in addition to the regular fees charged resident students.

There are no special fees in the College of Business Administration except in the Secretarial Studies, where a charge of $5.00 per course is imposed in certain instances.

The living costs in Athens, including tuition fees, have been estimated to run from $396 to $685.

STUDENT AID

The University of Georgia is well provided with special loan funds. Many of these are available to students in the College of Business Administration. The American Bankers' Association extends annually to an outstanding senior a loan of $250 to be repaid after graduation. The Beta Gamma Sigma fraternity has a loan fund the benefits of which are open to Seniors in the College. These loans are for as much as $200 and must be repaid within five years.

The University has some part-time employment for a very limited number of students in the libraries and in certain offices. For further information write to Mrs. Dorothy Whitehead, Supervisor of Student Aid.

PLACEMENT OF GRADUATES

The University maintains the Division of Placement and Student Aid whose function it is to establish contacts between employers and students. Representatives of employing corporations and firms visit the University at intervals and have conferences with Seniors who are looking forward to employment.

ORGANIZATIONS

The national honor society for schools of business, the Beta Gamma Sigma fraternity, has a chapter in practically every member institution of the American Association of Collegiate Schools of Business. The Alpha chapter

of Georgia was the sixth of the forty-two chapters now active. The purpose of this fraternity is to encourage and reward scholarship and achievement. Every year about 10 per cent of the Seniors are awarded the Beta Gamma Sigma key.

Business Administration students are eligible for election to Phi Kappa Phi, a University-wide honor society. Several seniors are elected every year from this College.

The College also has chapters of the two leading social organizations for schools of business, the Alpha Kappa Psi and the Delta Sigma Pi fraternities. The latter fraternity awards annually a key to the most distinguished graduate of the year. These organizations are now inactive.

The Economics Society is an organization membership in which is open to all candidates for the Bachelor of Business Administration degree. Its principle function is to sponsor lectures by business men.

The Marketing Club is an organization of students majoring in Marketing.

SPECIAL LECTURES

In 1940-41 the College obtained agreements from a group of important business executives to participate in an annual series of lectures before the student body. These lectures are designed to give the student personal contacts with successful leaders and to give first hand knowledge of the problems of administration. The lecturers have been chosen to represent the principle types of business found in Georgia, namely, banking, textile and other manufactures, securities, credit, insurance, and law. Names of the executives who will constitute the group for the next few years are given in the Faculty list.

REQUIREMENTS FOR THE DEGREE

FRESHMEN AND SOPHOMORE YEARS

The major part of the work in the Freshman and Sophomore years consists of survey courses in the social sciences, the physical sciences, the biological sciences, the humanities, and mathematics, and English and foreign languages. Courses of this type account for 72 of the 96 credit hours of the first two years. The purpose of these courses is to lay a broad foundation of cultural work so that the student may have some knowledge of history, government, science, literature and language before undertaking specialized work. The remaining 24 quarter hours are given to necessary courses introductory to the specialized curricula of the Junior and Senior years. They are:

Principles of Economics	9 Hours
Elementary Accounting	10 Hours
Business Statistics	5 Hours

In detail the work of the first two years is as follows:

Freshman Year	Hours	Sophomore Year	Hours
English 2 a-b-c	9	Humanities 1 a-b-c	9
Social Science 1 a-b-c	9	*Physical Science 1-2 or Human Biology 1-2	10
*Mathematics 20	5	Social Science 4	5
*Physical Science 1-2 or Human Biology 1-2	10	Economics 55 a-b-c	9
Foreign Language	10	Bus. Ad. 2, Statistics	5
Political Science 1	5	Bus. Ad. 6 and 7	10
Military Science 1-2 or Health Education 1-2	5	Military Science 1-2 or Health Education 1-2	5
Total	53	Total	53

NOTE ON FOREIGN LANGUAGES

Students who offer for entrance two or more units of a foreign language (Greek, Latin, French, German, Spanish, Italian or Portuguese) are required to take at least two courses in college from French, German, Spanish, Italian or Portuguese. Should such a student choose to continue in college the language he offered for entrance, he is required to take courses 103 and 104. Those students who enter without any foreign language credits may absolve the language requirement by taking either two courses in each of two languages (French, German, Spanish, Italian or Portuguese) or three courses in one of these languages.

JUNIOR AND SENIOR YEARS

For many years students upon entering the junior class have been required to choose a field of concentration and to take in it thirteen advanced courses in economics and business. Effective in the Fall Quarter of 1943 this system was radically altered. In the junior year all candidates for the degree of Bachelor of Business Administration are required to take a core curriculum which has been arranged so as to include introductory courses in most of the fields of concentration. This core curriculum is as follows:

Economics 333, Economic History of the United States.

Economics 360, Principles of Marketing.

Business Administration 351, Industrial Management.

Business Administration 370, First course in Business Law.

Economics 326, Money and Banking.

Business Administration 308, Business Correspondence.

One of the following:

Economics 394, Economic History of Europe.

Economics 358, World Resources and Industries.

It is preferable that the two courses remaining to complete a normal schedule should be chosen from subjects not offered in the College. Latitude is provided for those who have not completed their language requirement or other junior college requirements.

The senior year is a year of specialization. The student will select his group and in consultation with the chairman of the group will work out his

*For the duration of the war male students will be required to substitute Physics 20 and Math. 4 and 30 for P. S. 1-2 and Math. 20.

program for the year. In each group four courses are required. To complete the sixty-five hours of advanced economic and business subjects, a student will choose ten hours more from among the courses listed in his concentration group, or with the advice of his major professor, he may take these two courses in other fields of business. The additional twenty-five hours necessary to complete the 186 hours required for graduation may be chosen either from the offerings of the College or from the general electives of the University. In the last pages of this announcement there will be found a list of courses offered in other schools, colleges and departments that are recommended as electives. This arrangement will facilitate various combinations, such as business and art, business and music, or business and journalism.

SUMMARY OF DEGREE REQUIREMENTS

	Hours
Required Freshman and Sophomore courses in the College of Arts and Sciences	72
Business Statistics 2	5
Economics 55 a-b-c, Principles of Economics	9
Accounting 6 and 7, first courses in Accounting	10
Junior Class Core Curriculum	35
Major Concentration Group	30
Electives	25
Total	186

MAJOR CONCENTRATION GROUPS

ACCOUNTING

Asst. Prof. John F. Burke, Acting Chairman

Courses in Accounting have been designed to provide such training in Accounting as is essential to the general business executive, and to give instruction necessary to those who expect to specialize in public accounting or to serve as private accountants in financial or business establishments. The technical training for the Certificate of Certified Public Accountant may be met by courses in this department. Students majoring in Accounting and receiving a degree from the University are credited with one third of the practical experience required for the C.P.A. Certificate in Georgia.

	Hours
Bus. Ad. 354, Intermediate Accounting	5
Bus. Ad. 412, Auditing	5
Bus. Ad. 413, Cost Accounting	5
Bus. Ad. 371, Business Law	5
Bus. Ad. 415, Income Taxation	5
Bus. Ad. 416, Advanced Accounting	5
Bus. Ad. 430, Corporation Finance	5
Bus. Ad. 419, Federal Taxation	5

ECONOMICS

Dr. E. C. Griffith, Chairman.

The curriculum in the Economics major concentration group is designed to give the student a thorough and comprehensive understanding of economic affairs. Courses are arranged to follow in logical sequence in order to give the student well rounded training for analyzing problems of the economic and business world. This group is also designed for A.B. students who desire to major in Economics.

	Hours
Economics 406, Economic Theory	5
Economics 407, History of Economic Thought	5
Economics 434, Public Finance	5
Economics 436, Business Cycles	5
Economics 437, Comparative Economic Systems	5
Economics 438, Government and Business	5
Economics 455, Economics of War	5
Economics 480, Foreign Trade	5
Economics 486, Labor Problems	5

FINANCE

Dr. R. S. Cornish, Acting Chairman.

The Finance group covers the essential subjects in money, credit, banking, corporate finance, the securities market and the theory of investments. During the past decade changes of fundamental and world-wide importance have occurred in our thinking and practice with reference to money standards, currencies, banking laws and policies, and central banking. These vital matters are handled in detail in the work of this department.

	Hours
Economics 326, Money and Banking	5
Economics 434, Public Finance	5
Economics 436, Business Cycles	5
Economics 455, Economics of War	5
Economics 486, Labor Problems	5
Business Administration 430, Corporate Finance	5
Bus. Ad. 431, Investments	5

INSURANCE AND REAL ESTATE*

Instructor C. F. Scheider, Chairman.

The program of study in the Insurance and Real Estate concentration group assembles in one series the general fields of knowledge related to Insurance and Real Estate as functioning institutions of modern society, the technical aspects of each, and joint problems and relationships.

The primary object of this program is to combine the mathematical preparation for an understanding of actuarial and investment statistics with a knowledge of the economic determinants of investment, real estate, and insurance values in preparation for executive responsibilities.

* Major not offered 1944-45.

Bus. Ad.	387, Life Insurance	5
Bus. Ad.	397, Property and Casualty Insurance	5
Bus. Ad.	399, Real Estate Principles	5
Mathematics	361, Mathematics of Investment	5
Bus. Ad.	431, Investments	5
Economics	384, Social Security	5
Economics	434, Public Finance	5

INDUSTRIAL RELATIONS*

Assoc. Prof. R. T. Segrest, Chairman.

One of the biggest tasks confronting the world today is the harmonious coordination of the efforts of many individual workers within industrial society. Achievement of more satisfactory working conditions, steadier employment, more scientific placement and maintenance of workers, better adjustments of labor disputes, and resulting increases in productivity and real income for all, are vital both to the individual business unit and society.

Intelligent management of labor means both reduced costs for business and more efficient utilization of the human resources of our nation; hence, the importance of a specialized study of industrial relations.

	Hours
Economics 384, Social Security	5
Economics 385, Personnel Administration	5
Economics 486, Labor Problems	5
Economics 434, Public Finance	5
Economics 436, Business Cycles	5
Economics 455, Economics of War	5
Psychology 1, Elementary Psychology	5
Psychology 371, Applied Psychology	5

MARKETING

Prof. John W. Jenkins, Chairman.

Concentrated study of Marketing is two-fold in purpose: first, technical competence, by standards of business efficiency, in the specialized activities in getting goods and services to the consumer, excluding the creation of form utilities; and, second, discerning appraisal of the marketing system's effectiveness in meeting the broad demands of social welfare. It grounds the student in practical aspects of both the selling and the non-selling divisions of retailing, wholesaling, and industrial marketing, and applies economic reasoning to the governmental policies and administrative procedures of society's response to distributive enterprise.

	Hours
Economics 361, Marketing Problems	5
Bus. Ad. 462, Retailing	5
Bus. Ad. 463, Advertising	5
Bus. Ad. 464, Sales Management	5

*Major not offered 1944-45.

Economics 465, Market Research and Analysis	5
Economics 466, Economics of Consumption	5
Bus. Ad. 375, Transportation	5

SECRETARIAL STUDIES

MRS. MABEL WATSON, Acting Chairman

To meet the demand for courses designed to prepare students for responsible secretarial positions, the College of Business Administration inaugurated a course in Secretarial training in the fall of 1936. It is not the purpose of this course to compete with private business colleges or to offer short courses in preparation for office work, but to provide a broad and thorough training for positions of importance.

In so far as possible, it is also the purpose of this course to meet the requirements of those who desire to qualify as teachers of commercial subjects.

JUNIOR AND SENIOR YEARS

	Hours
Bus. Ad. 300 a-b-c, Shorthand	9
Bus. Ad. 303, Typing	2
Bus. Ad. 304, Typing	2
Bus. Ad. 305, Typing	2
Bus. Ad. 308, Business Correspondence	5
Bus. Ad. 309, Teaching of Commercial Subjects	5
Bus. Ad. 310, Office Training	5
Bus. Ad. 324, Machine Accounting	5
Total	35

BUREAU OF BUSINESS RESEARCH

For a period of three years, beginning in 1929, the College of Business Administration operated a Bureau of Business Research. Several monographs bearing upon Georgia conditions were published and, in addition, a monthly survey of Georgia business conditions. The financial affairs of the University were so bad in the early thirties that it became necessary to discontinue the Bureau.

In the Fall of 1941 the activities of the Bureau were resumed to the extent of reviving the publication of *The Georgia Business Review*. This publication, which is distributed without charge, is designed to provide the business element of Georgia with a continuing picture of economic developments in the State and Nation. Again, with the coming of war and the departure on leave of the Director of the Bureau, it has been found necessary to suspend the Bureau activities.

BUSINESS PRACTICE

Students may obtain actual experience in business while still pursuing work toward their degree. Selected students, upon the nomination of the professor in charge of the major concentration group, may, with the approval of the Dean of the College and the Dean of Faculties, be permitted to enter a business establishment in Atlanta or other city or town and spend

the quarter in learning first hand something of the operation of the business. Only students within 45 hours of graduation may take advantage of this arrangement. A maximum of 15 hours of credit will be given. While absent from the University the students will be under supervision of their major professors. Grades for this work will depend upon the report by the head of the business with respect to the students' efficiency, attitude toward work, punctuality and other factors. The major professor may require the students to submit comprehensive reports upon their experience and such reports may be taken into consideration in determining the grades awarded.

Students given this privilege of absence will be required to register in the usual way and pay the prescribed fees. It was not intended that the Business Practice course be used to earn money, and an agreement was made with the cooperating business executives that no payment would be made for services rendered. During the academic year 1940-41, however, the Counsel of the Wage and Hour Division of the United States Department of Labor ruled that students so engaged by business organizations which come within the Act must be paid the regular minimum wages. In some cases, therefore, students receive compensation for work of this character. In other cases where the corporation or the firm is not concerned with the Wage and Hour Law, students work without compensation.

COMBINATION COURSE IN BUSINESS ADMINISTRATION AND LAW

Business training in general economics, accounting, corporate organization and finance, taxation and numerous other specialized fields has become essential to the lawyer. Many law firms find their practice largely confined to acting as consultants to business executives.

It would be an ideal arrangement if prospective lawyers could pass first through a school of business before taking up the study of law. Since such a course normally requires seven years, a greater expenditure of time and money than students can usually afford, the College of Business Administration and the School of Law have a combined curriculum making possible completion of both courses in six years.

Students taking this combination will register for the Freshman and Sophomore program on page 223 herein. This enables the student to get 29 quarter-hours in subjects of an economic and business character in the Freshman and Sophomore years. In the Junior year he will take the core curriculum described on page 224 and additional economic and business courses to fill a year's program of 45 hours. The first year in the School of Law is accepted in lieu of the fourth year in the College of Business Administration.

MAJOR IN ECONOMICS IN THE BACHELOR OF ARTS DEGREE

Applicants for the Bachelor of Arts degree upon entering the Junior Class are required to select a major division, from which at least eight courses must be taken. One of the major divisions that may thus be elected is the division of Social Sciences, and Economics is one of the departments

in this division. For A.B. students who desire to major in Economics the concentration group in General Economics is provided. From this group, on the approval of the major professor and the Dean of the College of Arts and Sciences, the major program will be arranged.

MAJOR IN SECRETARIAL SCIENCE IN THE BACHELOR OF EDUCATION DEGREE

To meet the growing demand for teachers in commercial subjects an arrangement has been made with the College of Education whereby Senior College students in that college may major in Secretarial Science in the College of Business Administration. Such majors will take Economic Principles, Shorthand, and Typing, the elementary course in Accounting and the methods course offered in the College of Business Administration.

COURSES OF INSTRUCTION

NOTE: Due primarily to war conditions some of the courses listed may not be offered as announced. In particular the University reserves the right to withdraw any course for which the registration is not sufficiently large.

The official University schedule for the Fall, Winter and Spring courses will be ready for distribution on September 15th. A copy will be mailed by the Director of Admissions upon request.

BUSINESS ADMINISTRATION

(Commerce-Journalism Building, North Campus)

2. BUSINESS STATISTICS. 5 hours. Fall, Winter, and Spring Quarters. *Mr. Ellis.*

A basic course in business statistics. The student is introduced to methods of collection, presentation, and analysis of statistical data for use in business and economic research. Operation of calculating machines taught.

6. PRINCIPLES OF ACCOUNTING. First course. 5 hours. Fall, Winter, and Spring Quarters. *Mr. Burke, Mr. Cornish,* and *Mr. Ellis.*

An introduction to the fundamental principles and practices of accounting; the construction and interpretation of balance sheet and profit and loss statements; the theory of debits and credits as applied to business transactions.

7. PRINCIPLES OF ACCOUNTING. Second course. 5 hours. Prerequisite: Bus. Ad. 6. Fall, Winter, and Spring Quarters. *Mr. Burke, Mr. Cornish and Mr. Ellis.*

An application of accounting principles to certain specialized problems, such as proprietorship under the various forms of business organization; manufacturing accounts and manufacturing cost controls; accounting for fire losses, bonds, and sinking funds.

300a-b. SHORTHAND. 6 hours. (Five periods a week for two quarters.) *Mrs. Watson* and *Mrs. Matthews.*

An intensive introductory course in the theory of Gregg shorthand. Special attention is given to brief and special forms, phrases, and reading ability in playing a foundation for speed development. Credit given upon completion of second quarter.

300c. SHORTHAND. 3 hours. (Five periods a week.) Prerequisites: Bus. Ad. 300a-b or the equivalent; Bus. Ad. 303, 304. Fall, Winter, and Spring Quarters. *Mrs. Watson,* and *Mrs. Matthews.*

A continuation of Bus. Ad. 300a-b with sufficient practice to develop a speed of from 90 to 100 words a minute in taking dictation of a general commercial nature.

Students who have had Gregg shorthand in high school may register for this course by standing an examination over the material covered in Bus. Ad. 300a-b. In such cases credit is given only for work done at the University.

303. TYPEWRITING. 2 hours. (Five periods a week). Fall, Winter, and Spring Quarters. *Mrs. Matthews.*

A first course in typewriting. A knowledge of the keyboard with a minimum speed of 20 words a minute is required.

A fee of $5 is charged for the depreciation of machines.

304. TYPEWRITING. 2 hours. (Five periods a week.) Prerequisite: Bus. Ad. 303. Fall, Winter, and Spring Quarters. *Mrs. Matthews.*

A continuation of Bus. Ad. 303 with an introduction to the writing of business letters, vertical and horizontal centering, and tabulating. A speed development of 35 words a minute is required.

A fee of $5 is charged for the depreciation of machines.

305. TYPEWRITING. 2 hours. (Five periods a week). Prerequisites: Bus. 303, 304. Fall, Winter and Spring Quarters. *Mrs. Matthews.*

An advanced course in typewriting dealing with common business forms, legal documents, tabulation, manuscript writing, stencil work, and other problems of the business office. A speed development of at least 45 words a minute is required.

308. BUSINESS CORRESPONDENCE. 5 hours. Prerequisite: English 2. Fall, Winter, and Spring Quarters. *Mr. Ellis* and *Mrs. Watson.*

A study of the qualities and principles of good business letter writing with practice in writing various types of letters; training in other types of office work such as filing reports.

309. PROBLEMS AND METHODS IN TEACHING COMMERCIAL SUBJECTS. 5 hours. Winter Quarter. *Mr. Ellis* and *Mrs. Watson.* (Not offered, 1944-45)

A course designed to introduce the prospective commercial teacher to the meaning and purpose of commercial education and to present the modern methods and practices employed in the teaching of these subjects.

310. OFFICE PRACTICE. 5 hours. Prerequisite: Bus. 300-a-b-c, 303, 304, and 305. Spring Quarter. *Mrs. Watson* and *Mrs. Matthews.*

An advanced secretarial course for the purpose of developing general office proficiency. Emphasis is placed on secretarial traits and duties, filing, operation of dictating, duplicating, calculating, and other office appliances.

324. MACHINE ACCOUNTING. 5 hours. Laboratory fee $2.50. Fall, Winter, and Spring Quarters. *Mr. Burke.*

The course is designed to familiarize students with the use of the punch card accounting equipment. All of the various uses of the machines will be developed by keeping complete sets of books.

340. BUSINESS PRACTICE. 15 hours. Prerequisite: Three years of college work leading to B.B.A. degree.

A few superior students are permitted in their senior year to enter business establishments for the purpose of obtaining practical experience. The period of absence is limited to one quarter. For details of the plan see page 228.

351. INDUSTRIAL MANAGEMENT. 5 hours. Spring Quarter. *Mr. Jenkins.*

A study of the principles, problems, ideals and methods of industrial management.

354. INTERMEDIATE ACCOUNTING. 5 hours. Fall Quarter. Prerequisite: Bus. Ad. 6 and 7. *Mr. Burke.*

The problems incident to corporations, valuation of assets, theories of depreciation and depletion, investment valuations, funds and related reserves, application of funds, analysis of working capital, correction of records.

370. BUSINESS LAW. First course. 5 hours. Fall Quarter. *Mr. Cornish.*

Contracts: elements, required form, avoidance of agreements, interpretation, enforcement. Negotiable instruments: elements of negotiability, endorsements and transfer, liabilities of parties, discharge. Agency: creation, powers, termination, liabilities of principal and agent.

371. BUSINESS LAW. Second course. 5 hours. Prerequisite: Bus. Ad. 370. Spring Quarter. *Mr. Cornish.*

Partnership: creation, powers and liabilities of partners, termination of partnership. Sales: vesting of title, warranties, enforcements, remedies. Corporations: formation, powers, types of securities and rights of security holders, dissolution.

375. PRINCIPLES OF TRANSPORTATION. 5 hours. Fall Quarter. *Mr. Jenkins.*

A study of the principles of transportation with special emphasis on the history and regulation of steam railways here and abroad.

387. LIFE INSURANCE. 5 hours. Fall Quarter. Mr. Scheider. (Not offered, 1944-45)

The uses of life insurance, mortality tables, types of policies, reserves and policy

values, organization of life insurance companies, group and industrial insurance, legal interpretation of policies, state supervision of life insurance.

397. PROPERTY AND CASUALTY INSURANCE. 5 hours. Winter Quarter. *Mr. Scheider.* (Not offered 1944-45).

The functions of fire and casualty insurance, organization of carriers, standard policies, essential of insurance law, types of underwriters, settlement of losses, clauses and forms, marine and inland marine insurance, automobile, title, credit and other miscellaneous forms of property and casualty insurance.

399. REAL ESTATE PRINCIPLES. 5 hours. Spring Quarter. *Mr. Scheider.* (Not offered, 1944-45)

A consideration of the general principles of property utilization, the law dealing with ownership, transfer of title, and liens; the appraisal process, determinants of value, the real estate cycle, management and salesmanship, and regulatory legislation.

412. AUDITING. 5 hours. Prerequisite: Bus. Ad. 354. Winter Quarter. *Mr. Burke.*

An introduction to auditing theory and practice. The qualifications, duties, and responsibilities of the public auditor; problems involved in making detailed and balance sheet audits; audit practice sets.

413. COST ACCOUNTING. 5 hours. Prerequisite: Bus. Ad. 7. Spring Quarter. *Mr. Burke.*

Methods of ascertaining and distributing costs in manufacturing concerns, emphasizing the securing of unit costs; order method, process method, and standard cost sets.

415. INCOME TAX ACCOUNTING. 5 hours. Prerequisite: Bus. Ad. 7. Fall Quarter. *Mr. Burke.*

An interpretation of federal and state income tax laws with practice material requiring an application of their provisions to the return of individuals, partnerships and fiduciaries.

416. ACCOUNTING PROBLEMS. 5 hours. Prerequisite: Bus. Ad. 354. Winter Quarter. *Mr. Burke.*

Advanced accounting problems pertaining to partnerships and organization in receiverships; special emphasis upon consolidated statements, estates, and trusts.

417. C. P. A. REVIEW. 5 hours. Prerequisite: Bus. Ad. 416. Spring Quarter. *Mr. Burke.* (Not offered 1944-45)

General review of all accounting courses preparatory to state C. P. A. examination. Open only to students planning to take the C. P. A. examination.

418. MUNICIPAL ACCOUNTING. 5 hours. Spring Quarter. *Mr. Burke.* (Not offered 1944-45)

The study of accounting problems and procedures pertaining to state and local governments and their institutions; governmental classification of receipts and expenditures; preparation of reports; budgeting and operation of fund accounts.

419. TAX ACCOUNTING. 5 hours. Fall and Winter Quarters. Prerequisite: Bus. Ad. 415. (Not offered 1944-45)

A continuation of Bus. Ad. 415 with emphasis upon corporation income tax laws, social security taxes, gift taxes and estate taxes.

430. CORPORATION FINANCE. 5 hours. Fall Quarter. *Mr. Cornish.*

The promotion and organization of corporations; forms of securities issued; problems of financial administration; analysis of the causes of failures; the rehabilitation of bankrupt corporations.

431. INVESTMENTS. 5 hours. Winter Quarter. N. Campus. *Mr. Cornish*

The elements of an "ideal" investment; the examination and testing of specific investment securities issued by railroad, public utility, industrial, mining, shipping, and other corporations.

462. RETAILING. 5 hours. Prerequisite: Economics 360. Spring Quarter. *Mr. Jenkins.*

The organization and operation of various types of retail merchandising units; the principles of store management, market analysis and alternative methods and agencies.

463. ADVERTISING. 5 hours. Fall Quarter. *Mr. Jenkins.*

A comprehensive survey covering the history and economics of advertising, advertising research, techniques, effectiveness, and the advertising organization. The economic aspects of advertising are emphasized rather than the techniques of copy and layout.

464. SALES MANAGEMENT. 5 hours. Prerequisite: Economics 360. Winter Quarter. *Mr. Jenkins.*

Sales administration, planning, and execution, as applied to manufacturing and wholesaling concerns.

ECONOMICS

(Commerce-Journalism Building, North Campus)

5. PRINCIPLES OF ECONOMICS. 5 hours. Fall, Winter, and Spring Quarters. *Mr. Brooks, Mr. Griffith,* and *Mr. Ellis.*

A description and critical analysis of the organization of modern society from an economic point of view, with a brief introduction to the theory of value and distribution; provided specifically for students in departments other than the College of Business Administration.

55 a-b-c. PRINCIPLES OF ECONOMICS. 9 hours. (Three hours per quarter). *Mr. Griffith.*

This course in the Principles and Problems of Economics, required of all Sophomores in the College of Business Administration, is a prerequisite to all advanced courses in Economics and Business Administration. Students transferring from junior colleges who have not had the Principles may find it necessary, because of schedule difficulties, to take Economics 5 instead of Economics 55. In such cases an additional 5-hour course will be necessary in order to complete the total number of economics and business hours required for the degree.

326. MONEY AND BANKING. 5 hours. Winter Quarter. *Mr. Cornish.*

An analysis of the banking function; types of banking institutions; the history of American banking; detailed treatment of the Federal Reserve System.

333. AMERICAN ECONOMIC HISTORY. 5 hours. Spring Quarter. *Mr. Griffith.*

A survey of American economic development from the colonial period to the present, with emphasis on the economic factors involved in American sectional conflicts and political institutions.

358. WORLD RESOURCES AND INDUSTRIES. 5 hours. Winter Quarter. *Mr. Jenkins.*

A geographical appraisal of economic resources, with special reference to the problems of war and peace.

360. PRINCIPLES OF MARKETING. 5 hours. Prerequisite: Eco. 5 or Eco. 55. Fall Quarter. *Mr. Jenkins.*

Marketing functions, mediums, practices, variations, and appraisal. An interpretation of marketing as a part of our economic system.

361. MARKETING POLICIES. 5 hours. Winter Quarter. *Mr. Jenkins.*

A course in marketing and merchandising policies, dealing, from the qualitative approach, with values rather than with elementary processes. Industrial marketing, the consumer movement, barriers to interstate trade, product analysis, price making and new legal restrictions, are among the subjects canvassed.

384. SOCIAL SECURITY. 5 hours. Spring Quarter. *Mr. Segrest.* (Not offered 1944-45)

A survey of the field of social insurance with special emphasis on the Federal Social Security Act. Attention is given to the experience of European countries in this field.

385. PERSONNEL ADMINISTRATION. 5 hours. Prerequisite: Psychology 1. Spring Quarter. *Mr. Segrest.* (Not offered 1944-45)

The principles and practices in the field of the administration of human relations in industry. A discussion of such problems as worker selection, advancement, job analysis, wages, worker education, health and safety.

394. EUROPEAN ECONOMIC HISTORY. 5 hours. Winter Quarter. *Mr. Griffith.*

A study of the development of the economic aspects of civilization in ancient, medieval, and modern times. Special attention is given to the evolution of economic institutions and the historical background of the economic problems of the present.

406. ECONOMIC THEORY. 5 hours. Fall Quarter. *Mr. Griffith.* (Not offered 1944-45)

Primary emphasis is given to a study of monopolistic power in industries with special emphasis on the problems of anti-trust legislation, pricing policy, and the growth of rigid elements in the national and international economy.

407. THE HISTORY OF ECONOMIC THOUGHT. 5 hours. Fall Quarter. *Mr. Griffith.* (Not offered 1944-45)

A review of the history of economic theory. The evolution of the important principles of economics, with emphasis laid on the history of the theories of value and distribution.

434. PUBLIC FINANCE. 5 hours. Fall Quarter. *Mr. Brooks.*
A general consideration of American public expenditures, revenues, and fiscal administration.

436. BUSINESS CYCLES. 5 hours. Fall Quarter. *Mr. Griffith.*
An analysis of the economic and social significance of business fluctuations with a review of the important causes of business cycles and a summary of measures for controlling them. Some attention is devoted to the possibility of business forecasting.

437. COMPARATIVE ECONOMIC SYSTEMS. 5 hours. Spring Quarter. *Mr. Griffith.* (Not offered 1944-45)
An analysis of Capitalism and the alternative systems of Communism, Socialism, Fascism, and National Socialism. Special attention is given to the problems of economic planning.

438. GOVERNMENT AND BUSINESS. 5 hours. Spring Quarter. *Mr. Brooks.*
The history of governmental regulation of business; Constitutional and legal aspects of regulation; government participation in business enterprise; the social implications of business activity.

450. MONEY AND CREDIT. 5 hours. Spring Quarter. N. Campus. *Mr. Cornish.*
The course deals with the financial organization of society, money standards, money and prices, and the nature and functions of credit.

452. ECONOMICS OF AMERICAN INDUSTRY. 5 hours. *Mr. Jenkins.* (Not offered 1944-45)
This course deals with the chief economic characteristics of the leading American manufacturing industries, and with their relations to management, labor, and consumers.

455. ECONOMICS OF WAR. 5 hours. Winter Quarter. *Mr. Brooks* and *Mr. Griffith.*
The transition from peace to war; production of war commodities, labor and wage problems, the control of inflation through fiscal policy and price ceilings, financing the war; postwar problems.

459. ECONOMIC GEOGRAPHY OF THE WORLD. 5 hours. Winter Quarter. *Mr. Jenkins.* (Not offered 1944-45)
Economic and regional geography of Europe, Asia, Africa, and Australasia, with a brief survey of the social, political and historical geography of major regions.

465. MARKETING COSTS. 5 hours. Spring Quarter. *Mr. Jenkins.*
The task of analyzing, directing, and controlling the outlay for marketing effort. A statement of the basic problems, and of the methods and techniques for testing expense in distributive operations.

466. ECONOMICS OF CONSUMPTION. Prerequisite: Economics 5 or Economics 55a-b-c. 5 hours. Fall Quarter. *Mr. Jenkins.* (Not offered 1944-45)
A study of how the distribution of income, education, social environment, occupation, home-making skill, personal ambitions, size of family, and other factors influence consumption and limit markets, the difficulties the consumer faces in the purchase of goods and the protection which is provided for his welfare.

477. PUBLIC UTILITIES. 5 hours. Winter Quarter. *Mr. Griffith.*
A description of the development, characteristics, rights, and duties of Public Utilities with special emphasis on the problems of regulation of rates, service, securities, holding companies, etc., in the electric utilities. The T. V. A. is given special consideration.

480. INTERNATIONAL TRADE. 5 hours. Fall Quarter. *Mr. Griffith.*
An examination of the economic importance and problems of international trade. An analysis of the theory of international trade is presented as a tool to be used in the consideration of the international problems of exchange rates and monetary standards, tariffs and other trade barriers, debts, and the position of international trade in the post war world.

486. LABOR PROBLEMS. 5 hours. Spring Quarter. *Mr. Cornish.*
A study of wages, working conditions, unemployment, hours, worker's welfare schemes, labor legislation, and labor organizations. Current developments in labor are discussed.

COURSES IN OTHER COLLEGES AND SCHOOLS

(Offered on North Campus unless otherwise specified)

Most of the Freshman and Sophomore required courses are handled in other colleges and schools of the University, generally the College of Arts and Sciences. It is impracticable to list all of these. Some of the courses

required in major concentration groups and others frequently elected by Juniors and Seniors are likewise among the offerings of other colleges. These are:

AGRICULTURAL ECONOMICS 3. 5 hours. Five lectures or recitations per week. Fall, Winter, and Spring Quarters. S. Campus. *Mr. Firor, Mr. Young* and *Mr. King.*

Orientation course in economics of agriculture. The purposes of this course are to give the student an understanding of the place of economics in agriculture and to develop methods for using economic facts and principles in solving farm problems.

ART 17. ART APPRECIATION. 3 hours. Fall, Winter and Spring Quarters. Fine Arts Building. *Mr. Dodd.*

For the stuaents who is not an art student but who wants better to understand and enjoy art. This course is especially designed to be taken with the three-hour lecture course Listener's History of Music (Music 43) under Mr. Hodgson.

ART 435. ART STRUCTURE. 5 hours. No prerequisite. Spring Quarter. Fine Arts Building. *Mr. Dodd.*

Study of the theory of art, designed for art majors as well as a general elective for advanced students of other departments.

AGRONOMY 300. COTTON CLASSING. 5 hours. Winter and Spring Quarters. S. Campus. Prerequisite: Good eyesight and not color blind. *Mr. Murray.*

A sudy of cotton grades and staples according to Universal Standards for American Upland Cotton for grade and staple. Practice will consist of classing and stapling approximately three thousand samples of Georgia cotton, along with other types produced in the United States.

ENGLISH 3. ENGLISH AND AMERICAN LITERATURE TO 1876. 5 hours. Winter Quarter. Language Building. *English Staff.*

This is a general course in English and American literature designed to give any student a broad knowledge of the subject. It is urgently recommended for students who intend to major in English.

ENGLISH 4. ENGLISH AND AMERICAN LITERATURE AFTER 1776. 5 hours. Spring Quarter. Language Building. *English Staff.*

See note for English 3 above.

ENGLISH 326. THE AMERICAN TRADITION. Fall, Winter and Spring Quarters. Language Building. *Dr. Wade.*

ENGLISH 429. SOUTHERN LITERATURE. 5 hours. Spring Quarter. Language Building. *Mr. Wade.*

A survey of the intellectual thought and literary achievement in the South, from 1610 to the present time.

GEOGRAPHY 301. 5 hours. Meigs Hall. *Mr. Sell.*

This course deals with natural features and resources of the earth. The distribution of climates and land forms with relation to population densities will be stressed. The extensive use of essential maps will be used.

GEOGRAPHY 302. 5 hours. Meigs Hall.

Man's use of the earth's resources is the dominant theme of this course. It will include the discussion of transportation facilities and the major regional forms of utilization of the earth's resources.

GEOGRAPHY 351. REGIONAL GEOGRAPHY. 5 hours. Meigs Hall. *Mr. Sell.*

The first part of the course presents a general analysis of the intersection between man and his physical environment. The second part deals with regional geography but the relationship involves world economic geography.

GEOGRAPHY 352. GEOGRAPHY OF NORTH AMERICA. 5 hours. Meigs Hall.

A regional study of North America in which climate, land forms, and natural resources are related to the development of the region. Topographic, climatic, and regional outline maps are used in this course.

POLITICAL SCIENCE 367. STATE GOVERNMENT AND ADMINISTRATION. 5 hours. Fall Quarter. Academic Building. *Mr. Hughes.*

An advanced course with particular emphasis upon the government of the State of Georgia.

POLITICAL SCIENCE 441. PRINCIPLES OF PUBLIC ADMINISTRATION. 5 hours. Fall Quarter.

A study of administrative organization, relationships and controls in the United States.

POLITICAL SCIENCE 442. PUBLIC PERSONNEL ADMINISTRATION. 5 hours. Winter Quarter.

A study of civil service systems, their organization, procedures and relationships.

POLITICAL SCIENCE 481. POLITICAL SCIENCE. 5 hours. Fall Quarter. Academic Building. *Mr. McPherson.*

POLITICAL SCIENCE 482. AMERICAN GOVERNMENT AND POLITICS. 5 hours. Winter Quarter. Academic Building. *Mr. McPherson.*

Political Science 481 and 482 form a sequence of courses either or both of which may be taken.

POLITICAL SCIENCE 483. AMERICAN CONSTITUTIONAL LAW. 5 hours. Spring Quarter. Academic Building. *Mr. Saye.* Prerequisite: Pol. Sci. 1 or 482.

A study of the fundamental principles of constitutional interpretation and practice in the United States through decisions and opinions of the Supreme Court.

JOURNALISM 20. PRINCIPLES AND ETHICS OF JOURNALISM. 5 hours. Winter Quarter. Commerce-Journalism Building. *Mr. Drewry.*

A study of the fundamentals of journalism, including trends, etc.

JOURNALISM 350. NEWS WRITING AND REPORTING. (Part 1) 5 hours. Fall Quarter. Commerce-Journalism Building. *Mr. Drewry.*

Part A of this course consists of a consideration of newspaper organization and procedure, news values, news writing, and reporting. Part B includes instruction in typewriting and writing various types of news stories under supervision. A fee of $3 is charged those who use typewriters belonging to the School of Journalism.

JOURNALISM 357. ADVERTISING PRACTICE. 5 hours. Spring Quarter. Commerce-Journalism Building. *Mr. Drewry.*

A survey of the advertising field, including the manufacturer, the advertising agency, and the media-newspapers, magazines, bill-boards, the radio, etc. Theory and practice in writing advertising copy and in the preparation of selling campaigns, booklets, etc.

JOURNALISM 368. CONTEMPORARY NEWSPAPER PRACTICE. 5 hours. Winter or Spring Quarter. Commerce-Journalism Building. *Mr. Drewry* and *Mr. Harper.*

A survey of news writing, feature writing, and newspaper practice, for specialized groups, such as students in agriculture, home economics, county agents, and others whose work involves writing for the press or dealing with newspaper reporters and editors. Special attention will be given to publicity and promotional methods for educational purposes.

MATHEMATICS 356. THE ELEMENTS OF STATISTICS. 5 hours. Fall, Winter, and Spring Quarters. Academic Building. *Mr. Cumming.*

A course in statistical methods offered by the Department of Mathematics and treating the collection, classification and presentation of statistics.

MATHEMATICS 357. ADVANCED STATISTICS. 5 hours. Prerequisite: Mathematics 356. Winter Quarter. Academic Building. *Mr. Cumming.*

This course deals more intensively with certain subjects treated in Mathematics 356. It includes also curve fitting, frequency distributions, sampling and statistical induction, partial and multiple correlation, analysis of time series, sources of material.

MATHEMATICS 361. INVESTMENTS. 5 hours. Spring Quarter. Academic Building. *Mr. Stephens* and *Mr. Cumming.*

This course includes interest, annuities, sinking funds, insurance, and bonds.

MUSIC 43. LISTENER'S HISTORY OF MUSIC. 3 hours. Fall and Spring Quarters. Fine Arts Building. *Mr. Hodgson.*

For the student untrained musically, who wishes to acquire an intelligent appreciation of the art.

MUSIC 350. DEVELOPMENT OF THE OPERA. 5 hours. Fall Quarter. Fine Arts Building. *Mr. Hodgson.*

A general literary course in the appreciation of the entire field of opera. Illustrations from selected scores played in class. Not open to students who have had 340 and 341.

PSYCHOLOGY 1. ELEMENTARY PSYCHOLOGY. 5 hours. Fall, Winter and Spring Quarters. This course is prerequisite to all other courses in psychology. Meigs Hall. *Mr. Edwards, Miss Young.* and *Miss Zeigler.*

A beginning course in psychology, given without laboratory experiments. It includes the fundamental facts and laws of psychology and indicates something of the various problems and fields of psychology, its relation to other fields, and some of the more important applications of psychology.

PSYCHOLOGY 371. APPLIED PSYCHOLOGY. 5 hours. Prerequisite: Psychology 1. Spring Quarter. Meigs Hall. *Miss Zeigler.*

The application of the principles of Psychology to social, professional and industrial problems.

SOCIOLOGY 5. INTRODUCTORY SOCIOLOGY. 5 hours. Winter Quarter. Academic Building. *Mr. Williams* and *Staff.*

An introductory study of social relations and social institutions designed to give the student a general acquaintance and a concrete understanding of the social world in which he lives.

EDUCATION

In order to secure a professional certificate from the State Department of Education, it is necessary for a student to have credit for six courses in Education. For high school work they are as follows:

EDUCATION 302. The School and Society ..... 5 hours

EDUCATION 304. Educational Psychology ..... 5 hours

EDUCATION 381. High School Curriculum and Methods ..... 5 hours

Three other courses dealing with practical applications, one of which must be in the group of Education 346, 347, and 348, Apprenticeship Teaching.

A description of these courses may be found in the section of the general catalog devoted to the College of Education.

THE HENRY W. GRADY SCHOOL OF JOURNALISM

THE FACULTY

JOHN ELDRIDGE DREWRY, A.B., B.J., M.A., *Dean of the School.*

GEORGE BLAIR, A.B., M.A., *Acting Head of the Department of Drama (Dramatic Criticism) in the College of Arts and Sciences.*

MARION TYUS BUTLER, A.B.J., M.A., *Assistant Professor of Journalism. (On Military leave.)*

WYMBERLY WORMSLOE DERENNE, A.B., *University Archivist and Acting Assistant in Journalism.*

LAMAR DODD. *Professor of Art and Head of the Department of Art (Advertising Art) in the College of Arts and Sciences.*

JOHN ELDRIDGE DREWRY, A.B., B.J., M.A., *Professor of Journalism.*

LOUIS HARRIS EDMONDSON, B.J., A.M., *Acting Assistant Professor of Journalism.*

MARY SIMMINGTON GESTON, B.S., M.ED., *Acting Assistant in Journalism.*

CLIFTON EDWARD HARPER, B.J., M.A., *Acting Assistant Professor of Journalism.*

WARREN LEE JONES, A.B.J., M.A., *Instructor in Journalism. (On military leave.)*

CAROLYN VANCE, A.B., A.M., *Assistant Professor of Speech (Radio) in the College of Arts and Sciences (on leave).*

LILA WENIG, B.S., *Instructor in Radio Journalism and Speech.*

MIRIAM THURMOND, B.B.A., *Secretary of the School of Journalism.*

Members of the Faculty of the College of Arts and Sciences teach the courses other than journalism required in the School of Journalism.

HARMON W. CALDWELL, A.B., LL.B., LL.D., *President of the University and Ex-officio Member of the Faculty.*

L. L. HENDREN, A.B., M.A., PH.D., *Dean of Faculties and Ex-officio Member of the Faculty.*

WILLIAM TATE, A.B., M.A., *Dean of Students.*

T. W. REED, M.A., LL.B., *Registrar and Special Lecturer in Journalism.*

J. RALPH THAXTON, PH.D., *Director of Admissions.*

J. D. BOLTON, C. P. A., *Comptroller and Treasurer.*

SPECIAL LECTURERS*

BEN E. ADAMS, *State News Editor, Macon Telegraph.*

NORMAN BERG, JR., *Southeastern Editor, The Macmillan Company.*

LOUIS BROMFIELD, *Author of "Early Autumn" (Pulitzer Prize, 1926) and other novels.*

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* 1943-44. Students hear a similiar group of practitioners each session.

MAREL BROWN *Contributing Editor, The Christian Index.*

DOROTHY LEWIS, *Coordinator of Listener Activity, National Association of Broadcasters.*

RUSSEL LORD, *Editor, The Land, formerly with the New Yorker.*

RALPH MCGILL, *Editor, The Atlanta Constitution.*

WIGHTMAN F. MELTON, *Poet Laureate of Georgia.*

MEDORA FIELD PERKERSON, Author of *"Who Killed Aunt Maggie," "Blood on Her Shoe," etc.*

J. LEONARD REINSCH, *Managing Director, Radio Stations WSB, WHIO, WIOD.*

JOHN D. WADE, Head, *English Department, University of Georgia.*

EMILY WOODWARD, *Director Division of Forums, University System of Georgia.*

HISTORY AND AIMS OF SCHOOL OF JOURNALISM

Instruction in journalism at the Universtiy of Georgia dates back to 1915 when a School of Journalism was authorized by the board of trustees. In 1921, the School was named for the illustrious editor, orator, and statesman, Henry W. Grady, an alumnus of the University.

The Grady School is a member of the American Association of Schools and Departments of Journalism, the national accrediting organization whose membership is limited to those schools which have met certain requirements as to curriculum, faculty, and equipment.

To the average person, the term *journalism* means newspaper work, perhaps reporting. Important as is the newspaper, and essential to the welfare of a democracy as is accurate and truthful reporting, journalism embraces a great deal more than the daily and weekly press.

Journalism, in the broad sense, includes metropolitan dailies, small town dailies and weeklies, press associations and syndicates, certain phases of radio, specialized magazines and trade journals, general magazines, various aspects of book publishing, advertising and publicity, much of the production and promotion work in motion pictures and the theatre, and editorial, instructional, and research work for schools, colleges and various social agencies.

Many executives and leaders in various walks of private and public life have had newspaper and other journalistic experience and have testified to the general educational value of such work. Journalism, just as the law, is both a profession within itself and an excellent preparation for dealing with the multifarious problems of life.

Just as the term *journalism* is usually interpreted to mean the newspaper, so the expression *education in journalism* to many persons means only vocational preparation for newspaper work. Actually, the curriculum leading to the bachelor of arts in journalism degree is not narrowly vocational or technical, but is designed to combine the essential elements of a liberal education and of professional training, both of which are useful and desirable in journalistic work. The requirements of the journalism degree, based upon a four-year course, include not only professional and technical courses in journalism, but the basic courses in rhetoric, English and American literature, history, political science, economics, sociology, and other liberal arts subjects.

The A.B. in Journalism curriculum, moreover, requiring less science and language than the traditional A.B. degree, is sufficiently flexible to permit the student to take a supplementary major in English, history, psychology, etc., in addition to that in journalism. Thus, for example, a student who wishes to be prepared to teach and supervise school publications and publicity may take the required courses in education in connection with the journalism degree. In the same way, a student may combine journalism with art, English, history, economics, or some related subject in which he is interested.

COURSES FOR VARIOUS GROUPS

In addition to those students who are interested in professional preparation for journalistic work, courses in the School of Journalism are chosen by several other groups, such as the following:

(1) Those who are interested in writing and who see in journalism courses an opportunity to develop ability in observation, clear thinking, accuracy, and effective expression.

(2) Those who recognize the cultural benefits of certain courses, such as the history of journalism, contemporary American magazines, literary criticism, etc. These students feel that work in journalism, including the reporting of lectures and addresses, interviewing visiting celebrities, and doing the research necessary to the writing of special articles or editorials, vitalizes and increases the appeal of their other liberal arts subjects.

(3) Those students who are interested in journalism as a social science. These young people, realizing that the newspaper, along with the schools and churches, is a great social agency which reflects and in a measure directs civilization's evolving processes, choose certain courses in the School of Journalism just as they would those in sociology, government, etc.

(4) Those students who see the practical usefulness of a knowledge of journalism in their after-college days. All the students in the School of Forestry, for example, are required to have one course in journalism and one in public speaking on the theory that after their graduation both subjects will be useful to them. In the same way, home economics, commerce, and pre-law students often elect courses in journalism.

(5) Those who appreciate the fact that the consumers of journalism will always far outnumber the producers and that a liberal education should include an understanding of newspapers, magazines, and contemporary books, which will constitute an important part of their reading in after-college days.

The relationship of a free press to the democratic form of government, and the increasing references to this in political discussions here and abroad, make a knowledge of journalism a necessary part of a liberal education.

PRACTICAL WORK

In the professional courses, the instruction includes not only textbook study, analyses of the current press, lectures, and recitations, but practice under careful supervision. An effort is made to anticipate in the School of Journalism the conditions which will confront the journalism graduate. In the reporting class, for example, students cover standard sources of news, both in the city and on the campus, gathering and writing their copy with a view to publication either in the campus newspaper or in the Athens daily newspaper, which cooperates with the School by publishing meritorious student work. Students in the copy reading courses edit real newspaper copy, some of which is written by the reporting class, and some of which is furnished by news associations. Theoretical instruction in editing, headline writing, and newspaper make-up is supplemented with laboratory practice. In the editorial course, students not only study the theory of the subject, but write editorials and make critical analyses of representative editorial pages. In fact, throughout all the courses in journalism an effort is made to strengthen the instruction with laboratory practice. Many of the students make their first contacts with newspapers

and magazines by submitting and having accepted feature aritcles written in connection with their work in the course devoted to that subject. Special editions of the Athens newspaper are prepared by the students from time to time. Field trips for similar experience in other towns have also been organized.

SUMMER VACATION INTERNSHIP

To provide practical experience in addition to that received as a part of their courses in journalism, summer vacation internships on newspapers, in advertising departments, etc., are arranged for superior students between their junior and senior years. This summer work is not obligatory, but is recommended for those qualified students as a means of broadening their understanding and appreciation of current problems in journalism, and of making valuable contacts among journalists. The Grady School pioneered in this adaptation of a fundamental practice in medical education and has received the cooperation of newspapers, magazines, advertising departments and agencies, and other phases of journalism in Georgia and other states.*

BUILDING AND EQUIPMENT

The School of Journalism is housed in the Commerce-Journalism Building which was completed in the spring of 1928 at an approximate cost of $250,000, the greater part of which came from the War Memorial Fund. The School of Journalism occupies the ground floor and half of the main floor, the remainder of the structure being devoted to the College of Business Administration.

In addition to ample classroom space, there is a large editorial room, which is equipped with typewriters and a copy desk. A large reading room on the main floor offers the students many newspapers and periodicals. The University Library houses the books on journalism used by the students for supplementary reading.

The printing laboratory of the School of Journalism is equipped with type cabinets, a variety of headline and display type, a small press, a collection of newspaper and magazine cuts, and a composing table with eight-column chases for practice work in newspaper make-up. The purpose of the laboratory work is not to teach printing but to familiarize students with the principles of typography involved in editing copy, writing headlines, preparing advertising layouts, and in making up newspapers and magazines.

A radio studio and a dark room are equipped to serve as laboratories for courses in radio and news photography.

EMPLOYMENT OF GRADUATES

Graduates of the School of Journalism are filling excellent positions with newspapers, press associations, advertising agencies and departments, book and magazine publishers, schools and colleges, radio stations, and specialized publications in all parts of the country. Although the School of Journalism does not guarantee to secure positions for its graduates, members of the Faculty gladly assist those whose records in the class-

* For those students who wish to continue their work in the University during the summer quarter, other arrangements for internships are made.

room and in extra-curricular activities recommend them for employment. A recent study showed that 75 per cent of the School of Journalism graduates are profitably employed in various phases of journalism. In addition to those receiving the journalism degree a number of University alumni who took courses in journalism in connection with other degrees are actively engaged in journalistic pursuits. Some of these Grady Alumni hold important executive positions. *The School of Journalism does not aim exclusively at the training of recruits for newspaper work, but rather would provide a broad cultural and professional education which will be useful in any work calling for a knowledge of journalism and contemporary affairs.*

GEORGIA PRESS INSTITUTE

Sponsored jointly by the Georgia Press Association and the School of Journalism, the Georgia Press Institute is designed to assemble annually newpaper men and women, teachers of journalism and their students, and public men for round table conferences, lectures, and addresses on subjects of contemporary journalistic interest. Many prominent journalists have been brought to Athens on these occasions.

GEORGIA SCHOLASTIC PRESS ASSOCIATION

Sponsored by the School of Journalism and the University chapter of Sigma Delta Chi, the annual conventions of the Georgia Scholastic Press Association are held in Athens simultaneously with the state meets. The program of these conventions is designed to be helpful to the high school journalists of the state, and includes addresses, lectures, and round table discussions of various phases of school publication work. The association was organized June 14, 1928, at the University with this three-fold objective: (1) to stimulate interest in high school writing courses; (2) to raise the standards of high school journalism; and (3) to bring about a closer association between the Henry W. Grady School of Journalism and the high school students in Georgia interested in journalism. Through the association, scholarships, prizes, and certificates of distinction are awarded to meritorious high school newspapers and staff members by the School of Journalism.

GEORGIA COLLEGIATE PRESS ASSOCIATION

Also organized (May 5, 1933) by the School of Journalism and the University chapter of Sigma Delta Chi is the Georgia Collegiate Press Association which has the following objectives: (1) to provide a closer association among the college journalists of Georgia; (2) to provide a means of recognizing meritorious journalistic efforts through the annual award of suitable distinctions; (3) to raise the standards of the college press of Georgia; and (4) to foster among college journalists of Georgia an interest in journalism not only as a profession but as an important social science. Meetings of this association similar to those of the Georgia Scholastic Press Association are held regularly.

THE PEABODY RADIO AWARDS

Radio, as stated elsewhere in this bulletin, is an important phase of journalism. The creation of the George Foster Peabody Radio Awards

was but the most recent step in the efforts of the Grady faculty to be of educational assistance to a vital agency of communication.

Designed to give educational recognition for public service by radio, and honoring a distinguished benefactor and life trustee of the University, these awards were established in May, 1940, by the Board of Regents of the University System of Georgia, with the approval and active cooperation of the National Association of Broadcasters. Thirteen nationally prominent Americans constitute the personnel of the Advisory Board, which through the School of Journalism, administers these Awards. They are:

Dr. S. V. Sanford, Chancellor, University System of Georgia.

John H. Benson, President, American Association of Advertising Agencies, New York City.

Dr. Ralph Casey, Director, School of Journalism, University of Minnesota.

Jonathan Daniels, Editor, *Raleigh (N. C.) News and Observer.*

Mark Ethridge, Vice President and General Manager, *Louisville (Ky.) Courier-Journal and Times.*

Earl J. Glade, Chairman, NAB Code Compliance Committee.

Joseph Henry Jackson, Literary Editor, *San Francisco (Cal.) Chronicle.*

Waldemar Kaempffert, Science Editor, *New York Times.*

Alfred A. Knopf, Publisher, New York City.

Dr. I. Keith Tyler, Director of Evaluation of School Broadcasts, Ohio State University, Columbus, Ohio.

Mrs. Marjorie Peabody Waite, daughter of George Foster Peabody whose name the awards bear; President, "Yaddo."

Edward Weeks, Editor, *Atlantic Monthly, Boston, Massachusetts.*

SIGMA DELTA CHI

The University of Georgia is one of the few Southern institutions having a chapter of Sigma Delta Chi, national professional journalistic fraternity. The Georgia chapter was installed in 1928. Its membership is restricted to those male students with good scholastic standing whose professional journalistic work is of meritorious character. A limited number of students is taken in during the latter part of the sophomore year. Sigma Delta Chi sponsors extra-curricular journalistic activities of various kinds, and aims to promote higher journalistic ideals in the School and in the State.

THETA SIGMA PHI

Composed of a selected group of advanced women students. Theta Sigma Phi is a national fraternity designed to advance the interests of women journalists. Membership is restricted in a manner similar to that of Sigma Delta Chi. The local chapter has its own extra-curricular journalistic activities, but cooperates with Sigma Delta Chi in joint undertakings.

SCHOLASTIC FRATERNITIES AND CLUBS

Students in the School of Journalism are eligible for election to Phi Beta Kappa and Phi Kappa Phi, honorary scholastic fraternities, as well as for the Sigma Delta Chi scholarship award. Membership in the first two organizations is awarded to a limited group of Seniors, the selection being made on the basis of high scholarship, character, and promise of future success in scholarly pursuits. The Sigma Delta Chi scholarship award is given by this national profesional journalistic fraternity to graduating journalism students who stand in the highest 10 per cent of their own graduating class. In addition to the scholastic, professional, and social fraternities at the University, there are other honorary clubs and organizations, membership in which is open to journalism students.

STUDENT PUBLICATIONS

The University has a weekly newspaper, *The Red and Black*, the editorial staff of which is composed largely of students in the School of Journalism. The campus annual, *The Pandora*, and other publications also have journalism students on their staffs. Students in the School of Journalism write for the local papers and serve various metropolitan newspapers as University correspondents.

FEES AND EXPENSES

All students in the University, residents of Georgia, pay each quarter in advance a matriculation fee of $47.50. Students not residents of Georgia pay in addition to the above, $44.00 per quarter. Special fees for laboratory courses vary from $1.00 to $7.50 per course. Students taking basic courses in military pay a book fee of $5.00 upon their first registration, and are required to purchase a uniform.

A service fee of $2.00 will be collected from all students who, in any quarter for any reason, complete registration after the official registration days.

All rates, including matriculation fees, room, and board, are subject to revision at the beginning of any quarter.

The University has excellent dormitory facilities for the accommodation of its students, but due to the exigencies of war and the necessity for full cooperation with the Government, some of these facilities are not available at the present time.

For men students there are ample accommodations in the numerous boarding houses throughout the city, and the cost for board and lodging will be approximately the same as has been in the dormitories. The office of the Dean of Students is prepared to give full information as to these accommodations.

For women students provision has been made for additional housing and table board at Lucy Cobb Institute and such other buildings under the direct supervision of the University as may be needed for the accommodation of women students.

All women students will be given thoroughly satisfactory lodging and table board under proper chaperonage and supervision.

The several fraternities and sororities will be able to accommodate in

their chapter houses all of their members who hitherto have been boarding in the different dormitories.

The University will spare no effort to provide and supervise the most satisfactory accommodations for its students, and the students themselves are cooperating cheerfully and willingly in this effort to aid the Government in every possible way.

REQUIREMENTS FOR ADMISSION AND GRADUATION

Admission to the Freshman Class is by (a) certificate, and (b) examination. Certificates for admission will be accepted from graduates of accredited high schools when made on official blanks and properly signed by the superintendent or principal, provided the applicant has the necessary 15 acceptable units. Certificate blanks may be obtained from the Director of Admissions.

A student entering the School of Journalism from another college must submit an official transcript of courses taken there to the Director of Admissions.

Two degrees are offered for those who wish to major in journalism: the Bachelor of Arts in Journalism for undergraduates, and the Master of Arts for graduate students.

BACHELOR OF ARTS IN JOURNALISM

Freshman	Hours
English Composition 2a-b-c	9
Social Science 1a-b-c	9
*Physical Science 1-2 or Human Biology 1-2	10
*Mathematics 20	5
†Foreign Language	10
Journalism 1	5
Military Science (men) or Health Education (women)	5
	53

Sophomore	Hours
Social Science 4	5
*Physical Science 1-2 or Human Biology 1-2	10
Humanities 1a-b-c	9
Journalism 20, 30, 40	15
Military Science (men) or Health Education (women)	5
Elective	9
	53

JUNIOR-SENIOR REQUIREMENTS

Major in Journalism of 42 hours normally including 351, 352, 353, 354, 355a-b, 456, 357, 360, and nine hours from 358, 459, 362, 363, 364, 367, 369, and 370.

A student entering the School of Journalism with full Freshman and

† Twenty hours (combined high school and Junior Division) from French, German, Greek, Latin, or Spanish. At least ten hours in one language must be taken in college and this must not duplicate language courses taken in high school. Spanish is recommended only for those who can definitely foresee a use for this language in their journalistic work. Students choosing Spanish in college will, except in special cases, be required to carry this language through Spanish 103. Students who contemplate graduate work are advised to take French or German.

* During the war emergency men students subject to military service will substitute Mathematics 4 (Algebra) and Mathematics 30 (Plane Trigonometry) and either Physics 20 or Chemistry 21 for the Mathematics 20, Physical Science 1-2 requirement. Physics 20 is required of those not presenting high school physics and Chemistry 21 is required of those presenting high school physics and no high school chemistry. These options are also allowed by special permission of the dean to women students contemplating war service.

Sophomore credit, but without Journalism 1, 20, 30, and 40, will be expected to take the last three courses and Journalism 350 in addition to those listed in the foregoing paragraph.

A student who has received the A.B. degree from a college belonging to a standard regional association may satisfy the requirements for the A.B. in Journalism degree with a minimum of 45 hours in Journalism, selected with the approval of the Dean of the School of Journalism. Such a student must be in residence at the University three quarters.

SUPPLEMENT MAJOR OF 24 TO 27 HOURS, OR TWO SUPPLEMENTARY MINORS OF 12 TO 15 HOURS EACH to be chosen from art, Commerce, Economics; Education, English, Foreign Language, Geography, History, Home Economics, Laboratory Science, Landscape Architecture, Music Philosophy, Political Science, Psychology, and Sociology.

ELECTIVES to complete a degree total of 186 hours exclusive of the required courses in Military Science 1-2, or Health Education 1-2. All majors, minors, and electives shall be chosen with the approval of the Dean of the School of Journalism. These are determined by the phase of journalism in which the student is especially interested, and are grouped in approved sequences. A student must decide upon his supplementary major or minors at the beginning of his Junior year so that the program of his Junior and Senior years may be arranged properly.

A student's journalism program for the Junior and Senior years is usually arranged somewhat as follows:

JUNIOR YEAR

FALL	WINTER	SPRING
Journalism 456 (5 hours)	Journalism 351 (3 hours)	Journalism 352 (3 hours)
Elective or Journalism 350 for those without credit for Journalism 1 (5 hours)	Journalism 355a (3 hours)	Journalism 355b (3 hours)
Elective or Journalism 369 (5 hours)	Electives (9-10 hours)	Journalism 357 (5 hours)
		Electives (9-10 hours)

SENIOR YEAR

FALL	WINTER	SPRING
Journalism 358 (3 hours)	Journalism 354 (3 hours)	Journalism 353 (3 hours)
Journalism 362, or 364 (3 hours)	Journalism 459, 363, or 467 (3 hours)	Journalism 360 (5 hours)
Electives (9-10 hours)	Electives (9-10 hours)	Electives (5-10 hours)

MASTER OF ARTS

The Master of Arts will be conferred upon the completion of a major in Journalism, a minor in the social sciences, a minor in English, and the preparation of a satisfactory thesis upon the subject assigned. Prerequisites for candidacy for this degree are the A.B. or A.B. in Journalism from an accredited institution and the necessary undergraduate courses in Journalism.

ONE-YEAR WAR COURSE

To help meet war-created personnel shortages with newspapers, advertising departments, radio, and other phases of Journalism, a one-year intensive curriculum is available for the duration in the School of Journalism.

This course is also designed to make it possible for journalistically-minded boys under 18 years of age to get at least a year of college work before being drafted for military service. Some of these youngsters—many of them now high school reporters and editors—will not be able to return to college after the war, which makes it all the more desirable to contribute to their education now.

In addition to the pre-draft age boys, this short course is intended for others, male and female, who do not choose to pursue the regular four-year curriculum. There are many older men and women who would welcome the opportunity to pursue a short course in Journalism, but who do not have the time or inclination to complete other subjects which are a part of the four-year program.

A student who enrolls for the special one-year program must meet the entrance requirements of the University and may become a candidate for the A.B. in Journalism degree later should he desire to do so.

JOURNALISM

NOTE: Due primarily to war conditions some of the courses listed may not be offered as announced. In particular the University reserves the right to withdraw any course for which the registration is not sufficiently large.

The official University schedule for the Fall, Winter and Spring courses will be ready for distributoin on September 15th. A copy will be mailed by the Registrar upon request.

(Commerce—Journalism Building, North Campus)

FRESHMAN AND SOPHOMORE COURSES

1. INTRODUCTION TO JOURNALISTIC WRITING. 5 hours. Spring Quarter. *Mr. Drewry* and *Mr. Edmondson* and *Mrs. Geston.*

An introductory survey of newspaper methods, news values, news writing, and reporting.

20. PRINCIPLES AND ETHICS OF JOURNALISM. 5 hours. Winter Quarter. *Mr. Drewry.*

A study of the fundamentals of journalism, including ethics, practice, trends, etc.

30. HISTORY OF JOURNALISM. 5 hours. Fall Quarter. *Mrs. Geston.*

A study of the development of the newspaper, particularly in the United States, including biographical studies of outstanding editors, a consideration of journalism in its various periods and conditions, and the aims of journalism.

40. PUBLIC OPINION AND THE PRESS. 5 hours. Spring Quarter. *Mr. Edmondson.*

A study of the influence of the newspaper union upon opinions, standards of living, tastes, and morals in American life. This course includes a survey of the theory of public opinion, particularly the newspaper's part in the development of the intelligent public mind.

JUNIOR AND SENIOR COURSES

208. ADVERTISING ART. 5 hours. Spring Quarter. *Mr. Dodd.* (Also offered as Art 208.)

A study of the design and advertising appeal of layouts, posters and illustrations. Lettering, methods of reproduction, and package design. Lectures and group discussions. Problems covering the points discussed will be given.

350. News Writing and Reporting. (Part 1). 5 hours. Fall Quarter. *Mr. Drewry* and *Mrs. Geston.*

Part A of this course consists of a consideration of newspaper organization and procedure, news values, news writing and reporting. Part B includes introduction in typewriting and writing various types of news stories under supervision. A fee of $3 is charged those who use typewriters belonging to the School of Journalism .

351. Copy Reading, Newspaper Editing. 3 hours. Prerequisite: Journalism 1 or 350. Winter Quarter. *Mr. Harper* and *Mr. Edmondson.*

Theory and practice in editing copy, determining news values, and writing headlines. Press association and syndicate services are used in the laboratory.

352. Make-up and Typography. 3 hours. Prerequisite: Journalism 1 or 350 and 351. Spring Quarter. *Mr. Harper* and *Mr. Edmondson.*

A continuation of Journalism 351, with special emphasis on newspaper and periodical make-up and typography. Practical work is made possible by a printing laboratory.

353. The Editorial. 3 hours. Prerequisite: Journalism 1 or 350. Spring Quarter. *Mr. Drewry* and *Mr. Harper.*

A study of the technique of writing various types of editorials, with practical assignments in each type. A study of interpretation and comment. Students in this course make critical analyses of representative editorial pages.

354. The Law of the Press. 3 hours. Winter Quarter. *Mr. Edmondson.*

A consideration of certain legal aspects of journalism, including libel, contempt of court, right of privacy, copyright, and postal laws.

355a-b. News Writing and Reporting (Part 2). 6 hours. Prerequisite: Journalism 1 or 350. Winter and Spring Quarters. *Mr. Edmondson.*

A course in practice reporting designed to give students both the theory and the experience of covering reportorial assignments in newspaper work.

357. Advertising Practice. 5 hours. Spring Quarter. *Mr. Drewry.*

A survey of the advertising field, including the manufacturer, the advertising agency, and the media—newspapers, magazines, billboards, the radio, etc. Theory and practice in writing advertising copy and in the preparation of selling campaigns, booklets, etc.

358. Feature Writing and Special Articles. 3 hours. Fall Quarter. *Mr. Drewry* and *Mr. Harper.*

Theory and practice in covering the news of governmental activities, together with a detailed survey of municipal, state, and federal organization and the administration of public affairs.

360. The Reporting of Public Affairs. 5 hours. Prerequisite: Journalism 1 or 350 and 355. Spring Quarter. *Mr. Harper.*

Theory and practice in writing articles of a varied character for newspapers, magazines, syndicates, trade journals, and the radio.

361. Dramatic Criticism. 3 hours. Spring Quarter. *Mr. Blair.*

Theory and practice in reviewing stage productions, motion pictures, concerts, etc.

362. The Short Story. 3 hours. Fall Quarter. *Mr. Harper.*

A practical writing course for students who have mastered the fundamentals of English expression and who are interested in writing fiction for contemporary magazines or newspaper syndicates.

363. Advanced Feature, Fiction and Radio Writing. 3 hours. Prerequisite: A satisfactory grade in Journalism 358, 362, or 369. Winter Quarter. *Mr. Drewry, Mr. Harper* and *Miss Wenig.*

A continuation of production work begun in feature, fiction, or radio writing, with emphasis on marketing, publication, or broadcasting.

364. Newspaper Administration. 3 hours. Fall Quarter. *Mr. Harper.*

A course intended for those interested in the business and editorial management of small daily and weekly newspapers.

366. Journalism in the Secondary School. 5 hours. Fall and Summer Quarters. *Mr. Drewry, Mr. Harper* and *Mr. Edmondson.*

A survey of news gathering, news writing, copy reading, typography and business management, with specific relation to the high school newspaper.

368. Contemporary Newspaper Practice. 5 hours. Winter or Spring Quarter. *Mr. Drewry, Mr. Edmondson* and *Mr. Harper.*

A survey of news writing, feature writing, and newspaper practice for specialized groups, such as students in agriculture, home economics, county agents, and others whose work involves writing for the press or dealing with newspaper reporters and editors. Special attention will be given to publicity and promotional methods for educational purposes.

369. THE RADIO IN JOURNALISM. 5 hours. Fall Quarter. *Miss Wenig.* Special service charge, $2.50.

Theory and technique of writing for the radio—preparation of scripts and continuities, dialogue, advertising methods, characterization, news dramatization; theory and technique of radio speaking and acting—principles of effective radio speech, characterization, acting for the radio; radio production—technique of producing dramatic continuities, background music, sound effects, direction of radio programs; and journalism and the radio—news broadcasting and other radio news services.

370. NEWS PHOTOGRAPHY. 5 hours. *Mr. Harper.* (Also offered as Physics 370.) Special service charge, $2.50.

A study of the photographic requirements of newspapers and magazines and the technique of news photography with elementary training in the use of various cameras, developing, printing, and enlarging.

386. RADIO ORAL INTERPRETATION OF LITERATURE. 5 hours. Prerequisite: Journalism 369. Fall Quarter. *Miss Wenig.* (Also offered as Speech 369.)

Fundamental principles of analysis, phrasing and emphasis. Development of vocal skills demanded in meaningful oral reading of lyric and narrative literature—with special reference to radio journalism.

396. RADIO—DRAMATIC INTERPRETATION. 5 hours. Prerequisite: Journalism 369. Winter Quarter. *Miss Wenig.* (Also offered as Speech 396.)

Appreciation of drama and development of oral reading skills through the study and presentation of Browning's dramatic monologues and original adaptations of one play from each of the following: Shakespeare, Ibsen, Shaw, O'Neill, and Maxwell Anderson—with special reference to radio journalism.

JUNIOR-SENIOR OR GRADUATE COURSES

400. FOREIGN NEWS AND THE EUROPEAN PRESS. 5 hours. (Offered *in absentia*, with all class periods on shipboard or in Europe.) Prerequisite: Consent of the Dean of the School. Summer Quarter. (Not offered at present.)

An investigative pro-seminar course open to a limited number of advanced students who arrange to travel under the supervision of the instructor. With the cooperation of American newspaper and press services, students will conduct research in European capitals through conferences with American foreign correspondents, visits to European newspaper meetings with representatives of governmental propaganda ministries, and lectures by the instructor.

456. THE MAGAZINE. 5 hours. Fall Quarter. *Mr. Drewry.*

This course is intended for two groups: (1) those who are interested in contemporary thought and in magazines as a phase of current American literature; and (2) for those who plan to contribute to magazines, and therefore would know the markets. Attention is given to current American writers, particularly their work for the periodical press. Magazines are considered in historical and contemporary perspective.

459. LITERARY APPRECIATION. (Book Reviewing.) 3 hours. Winter Quarter. *Mr. Drewry* and *Mr. Harper.*

A course in literary appreciation and evaluation, with the emphasis on current books and the preparation of reviews for newspapers, magazines, radio, and specialized publications.

467. CONTEMPORARY AMERICAN NEWSPAPERS. 3 hours. Winter Quarter. *Mr. Harper.*

A study of outstanding present-day newspapers in the United States, including a consideration of their development, noted personalities of their staffs, and their characers and policies.

468. JOURNALISTIC PRACTICE. 1 to 15 hours. Prerequisite: Basic courses in technique and permission of the Dean of School of Journalism.

A few superior students of junior or senior standing will be permitted to register for this course as a means of obtaining practical experience over and above that offered in this School. The exact amount of credit will be determined in each instance and indicated on the registration card, but under no circumstances can exceed 15 hours, or one quarter's work.

GRADUATE COURSES

801. HISTORY OF JOURNALISM. 5 hours. Fall Quarter. *Mr. Butler.*
An advanced course in the history of journalism in which the students make historical studies of certain newspapers or groups of newspapers, preferably Georgia or Southern, and biographical studies of editors.

802. PUBLIC OPINION AND THE PRESS. 5 hours. Spring Quarter. *Mr. Butler* or *Mr. Harper.*
An advanced course devoted to an examination of the influence of the newspaper and other journalistic agencies in the direction and control of public opinion.

807-808. ADVERTISING. Minor. *Mr. Drewry.*
Special work based on Journalism 357.

THE SCHOOL OF HOME ECONOMICS

THE FACULTY

MARY ETHEL CRESWELL, B.S.H.E.. *Dean of the School.*

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*LELAND R. ALEXANDER. B.S.H.E., M.S.H.E., *Associate Professor of Institution management.*

MARGARET HARRIS BLAIR, B.S.H.E., M.A., *Assistant Professor of Clothing.*

MATILDA CALLAWAY, B.S.H.E., M.A., *Associate Professor of Home Economics.*

MARY ETHEL CRESWELL, B.S.H.E., *Professor of Home Economics.*

IRMA HICKS, B.S., M.A., *Assistant Professor of Clothing and Textiles.*

*MAUDE PYE HOOD, B.S.H.E., M.S.H.E., *Assistant Professor of Foods* and *Equipment.*

MARTHA LABOON, B.S.H.E., M.S.H.E., *Instructor in Child Development.*

MARY ELLEN LYONS, B.S.ED., M.A.. PH.D., *Associate Professor of Home Economics.*

MARGARET ELIZABETH MCPHAUL, B.S.H.E., *Instructor in Child Development.*

QUINELLE MCRAE, B.S.H.E., M.S.H.E., *Instructor in Clothing.*

PEARL CAMPBELL MOON, B.S.H.E., M.A., *Assistant Professor of Home Management.*

CATHERINE L. NEWTON, B.S.H.E., M.A., *Associate Professor of Foods and Nutrition.*

JOHN A. SIMPSON, M.D., *Clinical Adviser in Pediatrics and Child Hygiene.*

LOUISE HOWARD STAKELY, A.B., M.S., B.S.H.E., *Instructor in Home Economics.*

IDA ELIZABETH WHITE, B.S.H.E., *Graduate Assistant.*

HARMON W. CALDWELL, A.B., LL.B., LL.D., *President of the University* and *Ex-officio Member of the Faculty.*

L L.. HENDREN, A.B., M.A., PH.D., *Dean of Faculties* and *Ex-officio Member of the Faculty.*

WILLIAM TATE, A.B., M.A., *Dean of Students.*

T. W. REED, M.A., LL.B., *Registrar.*

J. RALPH THAXTON, A.B., M.A., PH.D., *Director of Admissions.*

J. D. BOLTON, C.P.A., *Comptroller and Treasurer.*

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* On leave.

GENERAL INFORMATION

HISTORY

The School of Home Economics originated as the Division of Home Economics of the State College of Agriculture in 1918, and offered the first undergraduate work open to women in the University of Georgia. The earliest curriculum marked the first opportunity for women to secure the Baccalaureate degree from any institution in Georgia. At this time the need of women for education in technical and professional subjects became urgent due to the need for workers under the Smith-Lever Act, the expanded program of government services during the First World War, and the demand for new workers for positions created as a result of the Smith Hughes Act. Early graduates became employed chiefly as teachers of home economics and home demonstration agents.

From 1918-33 the activities of teaching, research and extension were administered in the Division of Home Economics. Institutional economics courses were organized in 1923. Graduate courses were established in 1924. Major courses in physical education for women came in 1926.

In 1926-27 a six year grant from the Laura Spelman Rockefeller Foundation enabled the Division of Home Economics to establish the first center for college teaching in child development and field work in parent education in the Southeast.

A Purnell project in vitamin research was conducted in cooperation with the State Experiment Station, 1928-33. A household equipment laboratory with facilities for research was added in 1928. The department of fine and applied arts was added in 1928 and continued until 1933 when it was transferred to the College of Arts and Sciences.

By 1932 major concentrations had been established in teacher training, institutional management, applied art, home demonstration work, household equipment, and general home economics. A further area of concentration, textiles and clothing, was added in 1933.

In 1933 the Household Arts Department of the State Teachers College was merged with the Division of Home Economics and the School of Home Economics established.

FUNCTIONS

Home Economics as a study of the problems of the home and family life is based upon the application of the social, biological and physical sciences to the activities of the home and to those fields of employment growing out of home needs. It offers a broad cultural education which demands intellectual attainment, and presents opportunity for service in affairs particularly suited to the aptitudes and interests of women. It leads to employment in widely varied positions. The frequency with which Georgia alumnae in Home Economics enter various occupations is illustrated by the placement of 582 graduates of recent years. This record reveals the initial occupation entered upon at graduation or after graduate study.

	Per cent
Teaching Home Economics in high schools	45
Teaching other than Home Economics subjects	4
Home Demonstration Work	9
Home Service (public utilities)	3
Dietitians, Student (hospital and administrative)	6
Dietitians, College, tea room, etc	1
United States Government (W.P.A., Farm Security and N.Y.A.)	10
Miscellaneous (college teaching, State of Georgia, Commercial or temporary jobs)	7
Homemaking	9
Graduate and other study	3
Not desirous of positions	3

Records over a longer period show many transfers of alumnae into different vocations including a high percentage into homemaking. Graduates of these earlier years have filled positions as interior decorators, extension specialists in nutrition, in clothing, and in home improvement, State and District extension leaders, journalists in Home Economics and college teachers.

Specialization for varied positions is provided by areas of major concentration beginning the Junior year. Students transferring from other institutions should enter not later than the beginning of the Junior year, since schedule conflicts may prevent securing Junior and Senior technical subjects in the same year even though prerequisites have been completed. Limited registration in certain courses frequently makes them available only to Seniors.

FACILITIES

For information as to housing of students see statement on that subject in note on page 45.

Erected in 1932, Dawson Hall is located on the College of Agriculture Campus, which is beautiful from the standpoint of natural location and expert landscaping. It is within walking distance of the North Campus and the business center of the city.

Dawson Hall is a three-story structure containing modern and fully equipped teaching and research laboratories for foods and nutrition, textiles and clothing, and applied arts. In close proximity to Dawson Hall are Soule Hall, the two new residential halls, the Physical Education Building for Women, the home management houses, the nursery school the nutrition animal experimental laboratory, and the Lumpkin Hall Library.

In addition to the executive and faculty offices, the building has a reading room for the Homecon Club, and rest rooms and locker rooms. The art studios include design, weaving, metal work and other crafts.

In cooperation with the Department of Psychology, the School of Home Economics maintains a nursery school as a laboratory for courses in child development. The Department of Psychology collaborates in teaching, gives psychological tests, and offers a consultant service to parents. A pediatrician is in charge of inspection, physical examinations, and consultant service. The nursery school is housed in a new building well located and

equipped with reference to needs of the preschool child and for observation and participation by students, educational and social welfare leaders.

The four new home management houses are modernly equipped. A quarter's residence is required of all students whose curriculum calls for Home Economics 369. The furnishing and decoration of these houses give teaching material for the home furnishing courses. Each has a resident director.

During the war emergency the institutional cookery classes are temporarily transferred from the New Dining Hall to Dawson Hall. The third floor of Dawson Hall is also temporarily assigned to the Navy Pre-flight School and the clothing department transferred to the Forestry Building and crafts to Fine Arts Building.

STUDENT ACTIVITIES

Home Economics students are eligible to participate in all general University activities. Special activities in the School of Home Economics are carried on by the Homecon Club, whose semi-monthly meetings are attended by majors in the School; and by Phi Upsilon Omicron, national honorary home economics sorority. Membership in the latter is based on scholarship, extracurricular activities, and professional attitude.

DEGREE REQUIREMENTS

Requirements for entrance are the same as for other colleges and schools of the University. A total of 186 quarter hours exclusive of Health Education is required for the Bachelor of Science in Home Economics degree. Health Education 1 and 2 are required of all Freshmen and Sophomores, but may be waived for transfer students entering the Junior class with full standing. Students must meet the general University scholastic requirements for graduation, and, in addition, must make a minimum grade of C in all courses in the major concentration.

Junior and Senior schedules may vary from 45 to 48 hours with the approval of the major professor and Dean of the School.

FRESHMAN AND SOPHOMORE

	Hours		Hours
Social Science 1a-b-c	9	Social Science 4	5
Human Biology 1-2	10	Humanities 1a-b-c	9
English 2a-b-c	9	Psychology 1	5
*Home Economics 1	5	Chemistry 21, 22	10
Home Economics 20	5	**Chemistry 346	5
Art 30	5	Home Economics 5	5
Physics 20	5	Home Economics 22, 43**	6
Health Education 1	5	**Art 255	3
		Health Education 2	5
	53		53

* Home Economics 1 is not required of students entering with advanced standing.

** Provision is made for students transferring from State Junior Colleges to secure Chemistry 346, Home Economics 43 and Art 255 in the junior year, and to make substitution for Art 255 in the institutional management major.

MAJOR CONCENTRATIONS

Upon completion of these requirements each student must, with the approval of the Dean of the School, set up a program in a major concentration with the related electives. This may conform to any of the plans indicated, and must include forty quarter hours in Home Economics courses numbered 300 or above. Minor changes in programs may be made upon recommendation of the major professor with the approval of the Dean.

MAJOR CONCENTRATION IN HOME ECONOMICS EDUCATION

The major in Home Economics Education is offered jointly by the School of Home Economics and the College of Education. It fulfills the requirements for teaching in Vocational Departments of Georgia high schools. The graduate of this course is qualified to receive a professional certificate. See College of Education for description of education courses.

JUNIOR

	Hours
Education 302	5
Education 335-2	5
Home Economics 306	5
Home Economics 321	5
Home Economics 351	5
Home Economics 375 or 393	5
Home Economics 490	5
Bacteriology 350	5
Electives	5
	45

SENIOR

	Hours
Education 336-2, 304	10
Education 346, 347, 348	15
Home Economics 368, 369	6
Home Economics 393 or 375	5
Home Economics 356	5
Electives	5
	46

MAJOR CONCENTRATION IN INSTITUTION MANAGEMENT

The major in Institution Management meets the requirements of the American Dietetic Association, gives preliminary training for the dietitian, and includes work in cafeteria and tea room management, institutional equipment, quantity cookery and accounting. It prepares the student for lunch room, tea room, and college dining hall management, and for the graduate year in hospital and administration dietetics. It may be adapted to the fields of home service and commercial food demonstration.

JUNIOR

	Hours
Home Economics 306	5
Home Economics 351, 353	10
Home Economics 374	5
Home Economics 446	5
Chemistry 351	5
Business Administration	5
Bacteriology 350	5
Electives	5
	45

SENIOR

	Hours
Home Economics 354	5
Home Economics 355	5
Home Economics 372	5
Home Economics 490 or 393	5
Home Economics 453	5
Economics 5	5
Education	5
Electives	10
	45

MAJOR CONCENTRATION IN HOME DEMONSTRATION

The Home Demonstration major provides for the training of Home Demonstration Agents and Home Management Supervisors in the Farm Security program, and preliminary training for district and state workers. Courses in agriculture are required.

JUNIOR	Hours
Home Economics 321	5
Home Economics 351	5
Home Economics 306	5
Home Economcis 356	5
Home Economics 362	5
Agriculture	10
Bacteriology 350	5
Electives	5
	45

SENIOR	Hours
Home Economics 490	5
Home Economics 393	5
Home Economics 368, 369	6
Home Economics 375	5
Education	5
Agriculture	10
Electives	10
	46

MAJOR CONCENTRATION IN CLOTHING AND TEXTILES

The Clothing and Textile major offers training to future homemakers for intelligently providing clothing and household fabrics for her family and her home. It gives preliminary training which may lead to commercial work such as clothing or textile designer, textile specialist, stylist, shop worker, buyer, or editorial writing for women's pages or magazines.

JUNIOR	Hours
Home Economics 321	5
Home Economics 363	5
Home Economics 306	5
Home Economics 351	5
Economics 5	5
Bacteriology 350	5
*Art	10
Related Electives	5
	45

SENIOR	Hours
Home Economics 464	5
Home Economics 463	5
Home Economics 461	5
Home Economics 368-369	6
Home Economics 490	5
*Art	5
Related Electives	15
	46

MAJOR CONCENTRATION IN GENERAL HOME ECONOMICS

The general major is planned to give a broad cultural course and training for homemaking. There are fewer required courses, and opportunity exists for many electives. Minors in Journalism, Language, Social Welfare and other subjects may be secured. This major is not designed to prepare the student for teaching or other professions.

JUNIOR	Hours
Home Economics 321	5
Home Economics 306	5
Home Economics 375	5
Home Economics elective	5
Bacteriology 350	5
Electives	20
	45

SENIOR	Hours
Home Economics 368, 369	6
Home Economics 490	5
Home Economics 393	5
Home Economics 351	5
Electives	24
	45

* Note: Art courses to be approved by major professor.

Suggested electives: Physics, Chemistry, Bacteriology; Biology, Psychology, Sociology, Economics, Health and Physical Education, Art, Landscape Architecture, Journalism, Public Speaking, Horticulture, Poultry Husbandry, Dairying.

HOME ECONOMICS

NOTE: Due primarily to war conditions some of the courses listed may not be offered as announced. In particular the University reserves the right to withdraw any course for which the registration is not sufficiently large.

The official University schedule for the Fall, Winter and Spring courses will be ready for distribution on September 15th. A copy will be mailed by the Registrar upon request.

FRESHMAN AND SOPHOMORE COURSES

(All Home Economic Courses are given on South Campus)

1. INTRODUCTION TO HOME ECONOMICS. 5 hours. Fall Quarter. *Miss Callaway.*

The contribution of the college curriculum to the student's adjustment; problems of the individual student; study of professional opportunities related to homemaking.

5. FOODS. 5 hours. Two lecture and three double laboratory periods. Fall, Winter and Spring Quarters. Prerequisite or parallel: Chemistry 21. *Miss Stakely.*

An introductory course in the composition and preparation of foods.

20. CLOTHING. 5 hours. Two lectures and three double laboratory periods. Fall, Winter, and Spring Quarters. *Miss Hicks* and *Miss McRae.*

Application of fundamentals of the selection, purchase, design, construction and care of clothing.

22. ELEMENTARY TEXTILES. 3 hours. Two lectures and one double laboratory period. Fall and Winter Quarters. *Miss Hicks* and *Miss McRae.*

Fundamentals in the field of textiles; a study of raw material and the construction, identification, and analysis, choice, use and care of fabrics.

43. HOME EQUIPMENT. 3 hours. One lecture and two laboratory periods. Prerequisite: Physics 20. Fall and Spring Quarters. *Mrs. Hood.*

Designed to guide students in the use and evaluation of household equipment.

COURSES IN MAJOR CONCENTRATION
FOODS AND NUTRITION

304. NUTRITION FOR TEACHERS. 5 hours. Prerequisite: Senior College standing. *Miss Newton.*

A study of relation of nutrition to the health of the school child; emphasis on how to teach nutrition information to school children; the use of the school lunch in nutrition instruction. (Not open to majors in home economics.)

306. FOODS. Two lectures and three double laboratory periods. Fall, Winter and Spring Quarters. Prerequisite: Home Economics 5 and Chemistry 346. *Mrs. Hood* and *Miss Stakely.*

Principles of cookery through analysis of basic recipes and preparation of standard products.

344. HOME NURSING. 3 hours. Two lectures one laboratory period per week. Prerequisite: Bacteriology 350 and Home Economics 5. Fall, Winter and Spring Quarters. *Miss Callaway.*

The principles and techniques of home care of the sick.

350. ADVANCED FOODS. 5 hours. Fall, Winter and Spring Quarters. Fee, $3.00. Prerequisite: Home Economics 306, Physics 20 (Not offered 1944-45.)

A unit course. One unit on the principles and techniques of the selection, operation, care and convenient arrangement of household equipment and service of meals considering the dietary standards and nutritional needs of the group.

351. NUTRITION. 5 hours. Fall, Winter and Spring Quarters. Prerequisite: Chemistry 346 and Home Economics 306, or parallel. *Misses Newton* and *Lyons.*

The requirement of different individuals for energy, protein, minerals, and vitamins; food as a source of daily requirements; and of the relation of food and the state of nutrition of an individual to physical fitness.

353. NUTRITION. 5 hours. Winter Quarter. Prerequisite: Home Economics 306, 351, and Chemistry 351. *Miss Newton.*

The chemical and physical changes involved in the digestion and metabilism of foods. Nutritive value of foods; relative costs of foods; dietary calculations.

354. INSTITUTIONAL COOKERY. 5 hours. Two lectures and three double laboratory periods. Fall, Winter and Spring Quarters. Prerequisite: Home Economics 306. *Mrs. Alexander* and *Miss Lyons.*

The application of scientific principles to the feeding of large groups. Special problems in catering.

355. CATERING. Informal laboratory, equivalent to five double laboratory periods. Spring Quarter. Prerequisite: Home Economics 354. *Mrs. Alexander* and *Miss Lyons.*

Participation in catering for banquets, luncheons, and teas for various groups.

356. ADVANCED FOODS AND HOME NURSING. 5 hours. Fall, Winter and Spring Quarters. Prerequisites: Home Economics 306, 351, Bacteriology 350. *Miss Callaway.*

A unit course on the choice, purchase, preparation and service of meals, considering dietary standards. Another unit on home care of the sick is planned to meet war emergency needs.

357. MEAL PLANNING. 3 hours. Fall, Winter, and Spring Quarters. Three laboratory periods. Fee $3.00. Prerequisite: Home Economics 306, 351.

The choice, purchase, preparation and service of meals considering the dietary standards and nutritional needs of the group.

450. EXPERIMENTAL COOKERY. 5 hours. Two lectures and three double laboratory periods. Prerequisite: Home Economics 350, or equivalent.

Methods of research through experimental work on individual problems; review of recent literature on investigational problems.

452. ADVANCED NUTRITION. 5 hours. Prerequisite: Home Economics 351, or equivalent; Human Biology 1 and 2. *Miss Newton.*

The chemical and physical changes involved in the digestion and metabolism of foods.

453. NUTRITION IN DISEASES. 5 hours. Prerequisite: Home Economics 353 or 452. *Miss Newton.*

The modification needed in the normal diet for the treatment of various diseases. Special emphasis is given to the study of pellagra, anemia, and general malnutrition.

456. METABOLISM STUDIES. 5 hours. Prerequisite: Home Economics 353 or Home Economics 452. *Miss Newton.*

The caloric value of foods by means of an oxycalorimeter and the basal metabolism of individuals of different ages and under different conditions by the use of a portable respiratory calorimeter.

457. FIELD WORK IN NUTRITION. 5 hours. Prerequisite: Home Economics 353 or 351. *Miss Newton* and *Miss Lyons.*

Opportunity is given for contacts with various types of nutrition work such as the agricultural extension program, farm security work and well baby clinics.

458. READINGS IN NUTRITION. 5 hours. Summer Quarter. Prerequisites: Home Economics 353 or 351. *Miss Newton.*

Recent developments and the present status of knowledge on selected topics from the field of nutrition. The course is designed especially for those who wish to bring their knowledge up to date.

857. INTRODUCTION TO RESEARCH IN NUTRITION. 5 hours. Prerequisite: Two graduate courses in nutrition. *Miss Newton* and *Miss Lyons.*

Individual research problems which may lead to the selection of the thesis for the Master's degree in Home Economics.

CLOTHING AND TEXTILES

321. CLOTHING SELECTION AND CONSTRUCTION. 5 hours. Two lectures and three double laboratory periods. Fall, Winter, and Spring Quarters. Prerequisite: Home Economics 20, 22, and Art 30. *Mrs. Blair* and *Miss McRae.*

Clothing selection including a unit on personality; construction in variety of fabrics with development of accuracy, speed, and independence in execution of problems; seasonal and daily care and storage of garments.

362. ADVANCED CLOTHING. 5 hours. Winter and Spring Quarters. Prerequisite: Home Economics 321. *Mrs. Blair.*

Tailoring and other forms of expert technique in the treatment of various fabrics; design and construction from a master pattern; line and color as affecting selection for various personalities and figures; draping.

363. COSTUME DESIGN. 5 hours. Two lecture and three double laboratory periods. Prerequisite: Home Economics 321. Offered in alternate years (even). *Mrs. Blair.*

Application of art principles to designing for different personalities, figures and ages, for various occasions; corrective dress; historic and modern influences; development of creative ability.

461. TEXTILE AND CLOTHING ECONOMICS. 5 hours. Prerequisite: Economics 5, Home Economics 362, or equivalent. Offered in alternate years (odd). *Miss Hicks.*

Consumer problems in the purchase of clothing and household textiles. Standardization; educational and promotional work; post war textiles in light of war time discoveries and inventions.

463. HISTORIC COSTUME. 5 hours. Winter Quarter. Prerequisites: Home Economics 321, and one other approved upper division course. *Mrs. Blair.*

A study of ancient Egyptian, Grecian, Roman, early and Modern European, and early American costume; trade and other influences on dress; historic influences on modern dress.

464. ADVANCED CLOTHING CONSTRUCTION AND DESIGN. 5 hours. Prerequisite: Home Economics 321 and 363, or one other approved upper division course in clothing. *Mrs. Blair.*

Application of principles of costume design to clothing problems with emphasis on independent selection and artistic effects in color, line, and texture. Tailoring and other expert techniques in construction; draping; designing in fabrics or various personalities, figures and occasions.

465. CLOTHING PROBLEMS. 5 hours. Summer Quarter. Prerequisite: Home Economics 321 and one other approved senior division course. *Mrs. Blair.*

Trends in clothing and responsible factors; advanced work on clothing problems not dealt with in other courses; individual problems based on the needs of students according to whatever phase of clothing work they are planning to enter or are already in. Course is planned primarily for in-service training but may be elected by regular students to supplement other clothing courses.

ADMINISTRATION

368. HOME MANAGEMENT. 3 hours. Three lectures. Fall, Winter, Spring and Summer Quarters. Prerequisites: Home Economics 306, 351. *Mrs. Moon.*

A study of the managerial problems of the home and principles underlying their solution.

369. HOME MANAGEMENT. 3 hours. Informal laboratory consisting of full quarter's residence in a home management house. Must accompany Home Economics 368 in all cases where the curriculum requires residence. Fall, Winter, Spring and Summer Quarters. *Mrs. Moon* and *Staff.*

372. INSTITUTIONAL MANAGEMENT. 5 hours. Winter Quarter. *Mrs. Alexander* and *Miss Lyons.*

Involves the principles of institutional organization and administration which apply to public and private institutions; specific problems in management; selection of materials and equipment; planning and placing equipment in food units.

374. INSTITUTIONAL BUYING. 5 hours. Fall Quarter. *Mrs. Alexander* and *Miss Lyons.*

Sources; distribution; storage; grades and food value of food products; trips to local markets to study methods of handling and distribution.

375. HOME PLANNING AND FURNISHING. 5 hours. Fall, Winter and Spring Quarters. Prerequisite: Art 30. *Misses Callaway* and *McRae.*

Planning and furnishing the house from the standpoint of family needs; economic and social factors involved; application of the principles of art to home furnishing.

446. EQUIPMENT TESTING. 5 hours. Prerequisite: Home Economics 368-369, or equivalent; Physics 20. *Mrs. Hood.*

Types on market; measuring and testing factors governing their efficiency; operation and arrangement of equipment for institutional use.

470. CONSUMER PROBLEMS. 5 hours. Prerequisite: Home Economics 368-369. Summer Quarter. *Mrs. Moon.*

Problems of the household buyer; intelligent selection of goods on modern market; standards of labelling as safeguards in buying; family income and problems of distribution.

480. HOUSING. 5 hours. Summer Quarter. Prerequisite: Home Economics 368-369 and 375, or equivalent. *Miss Creswell.*

Development of modern housing as related to family welfare; to health, safety, delinquency, social progress. A survey of housing problems; development of legislation; policies and programs; social and economic trends in Europe and the United States.

FAMILY LIFE

393. FAMILY RELATIONS. 5 hours. Fall, Winter and Spring Quarters. *Miss Creswell* and *Mrs. Moon.*

Social and economic problems of the modern family; survivals of various characteristics influencing family life; activities of the home and their relation to family welfare.

490. DEVELOPMENT OF THE YOUNG CHILD. 5 hours. Three lecture periods and supervised observation in the Nursery School. Prerequisites: Consent of the instructor. Fall, Winter, Spring and Summer Quarters. *Miss Young.*

The physical, mental, emotional and social development of the preschool child, the environmental factors influencing the development of the young child and social reference to techniques and guidance. Planned to meet requirements for the teachers of home economics in high schools; desirable also for teachers of elementary grades.

492. GROWTH AND GUIDANCE OF CHILDREN. 5 hours. Summer Quarter: Prerequisite: Work in Child Development, Child Psychology, or related courses; for undergraduate credit, consent of instructor. *Miss Young.*

A course designed to familiarize students and teachers with the techniques needed in the care and guidance of young children and with the actual organization and administration of a nursery school. All material will be adapted to fit the problems of the present war situation and the probable requirements of the post-war period. The course will be of particular value to high school teachers of home economics in preparing them for teaching and for supervising home projects and community projects which involve child care and guidance. It is likewise planned to meet the increasing need for more teachers of preschool children, a result of the employment of mothers in defense work.

493. ECONOMICS AND SOCIAL PROBLEMS OF THE FAMILY. 5 hours. Summer Quarter. Prerequisite: Consent of the instructor.

The modern family; home life in changing social and economic order; special legislation affecting the family; relation of the members of the family to each other and to the community.

394. NURSERY SCHOOL LABORATORY. 5 hours. Three lectures and informal laboratory. Spring Quarter. Prerequisite: Home Economics 490 or Psychology 490. *Miss McPhaul.*

This course will consider the problems arising in the Nursery School and desirable ways of utilizing the child's environment. Guidance in selection and evaluation of equipment and supplies will be included. Provision will be made for actual participation in the various activities of the Nursery School, including meal planning and preparation.

892. BEHAVIOR PROBLEMS IN CHILDREN. 5 hours. Prerequisite: Home Economics 490. *Miss Young.*

The child's adjustment to his environment with a consideration of the cause, treatment, and prevention of behavior problems. Research problems in the field will be carried out by the students.

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